

Draft Conference Programme



19-21 September 2007

Note: this is an early draft of the programme for the OpenOffice.org Annual Conference 2007. The content is taken from proposals submitted using an on-line system and has not been proof-read.

The programme is liable to change without notice. Any persons making travel or other arrangements based on the information in this programme do so entirely at their own risk. The organisers recommend you subscribe to the conference attendees' mailing list – for further details, please see <http://marketing.openoffice.org/ooocon2007/attendees.html>

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Wednesday 19th September

Timetable

	Development	General	ODF / XML	Others
09:00-10:00	Welcome & Free Breakfast			
10:00-10:45	Keynote 1			
10:45-11:30	Keynote 2			
11:45-12:30	Topical item	Topical item	Topical item	Topical item
<i>Lunch Break</i>				
14:00-14:45	Contributing to OpenOffice.org	State of the Project	Marketing ODF to the OpenOffice.org project	On-Site Requirements Engineering for OpenOffice.org - A Practical Approach
15:00-15:45	How to fix an issue in OpenOffice.org	Across the Great Wall	ODF Interoperability	ODF in Russia. Status, problems and future trends.
<i>Break</i>				
16:15-17:00	Improving the modularity of OpenOffice.org	Case Study: OpenOffice.org Guerrilla Advertising in the New York Metro Newspaper	Chinese Office Software Standards UOF and Inter-operation of OpenOffice.org ODF	Redoffice "C Creating a More Friendly Operating Style and Using Experience
17:15-18:00	Split OOo into smaller pieces	Political struggles in Denmark - My experiences	Integrating OpenOffice.org with Web Content Management Systems	Automating a Production Publishing System
18:15-19:00	Aqua OpenOffice.org : the Light	The price is high! Is it too high?	Who is using OpenOffice.org	Releasing OpenOffice.org: translation and QA process

Development Stream

Contributing to OpenOffice.org

Track: Development *Type:* Presentation *Audience:* New Developers in the project

Abstract: he session will introduce on how to contribute to OpenOffice.org and how the OpenOffice.org Development process work. There are many different way on how to contribute to the project, we will look on different aspects: code/patch contributions, legal aspects access to resources of the Projects (Website, Issue Tracker, etc) CVS access and branches, Tinderboxes, build-bots The OpenOffice.org development process differs in several aspects from usual Open Source habits of other projects. The session will explain the OpenOffice.org development style. In detail we will have a look onto different roles of contributors, especially at the of core-developers, UserExperience, QA folks and add-on-developers.

Presenter: Martin Hollmichel (Program Manager / Project Lead, Sun Microsystems, Inc. / tools.openoffice.org) *Biography:* Working on OpenOffice.org and its predecessor StarOffice since 1994 and working as release manager for OpenOffice.org now. Since 2003 member of the OpenOffice.org community council.

How to fix an issue in OpenOffice.org

Track: Development *Type:* Case Study *Audience:* Contributors

Abstract: When you take the source of OpenOffice, you discover the pleasure of 200 modules dispatched for a total of 1 billions of bytes of plain text of source code, sometimes commented in German. This session will teach you how to get into OpenOffice pragmatically and efficiently, in order to fix a precise issue. You will learn how to find quickly the source code directly attached to a particular functionality

and how to use efficiently the majority of APIs. The session will be supported by full and concrete examples.

Presenter: Michel Loiseleur (Open Source Software Engineer, Linagora) *Biography:* A small contributor who find its way in the source code.

Improving the modularity of OpenOffice.org

Track: Development *Type:* Presentation *Audience:* Developers, distributors, interested users

Abstract: I will try to explain the different meanings and aspects of "modularity", how we can describe them and how good they are implemented in OpenOffice.org. I will give an overview of what we have done already to improve modularity, what we are currently doing and where we are aiming at.

Presenter: Mathias Bauer (OOo Project Lead Word Processing, CoLead Application Framework, Sun Microsystems Inc.) *Biography:* I work on OpenOffice.org and StarOffice since 1995. In the past I mainly worked on the application framework, but in the past years also on programmability and API. Since November 2006 I'm the Project Lead of the OpenOffice.org "word processing" project.

Split OpenOffice.org into smaller pieces

Track: Development *Type:* Presentation *Audience:* Developers

Abstract: OpenOffice.org is huge piece of software and this brings lots problems to both developers and users. Developers need to create the whole build tree even if they want to fix a simple bug. The users are often forced to download the whole installation set or all packages to get this fix. I will discuss possible solutions for splitting OpenOffice.org. I will compare them with the other huge projects, such as GNOME, KDE, X.Org. I will show how it could help both developers and customers and what problems might appear. In the end I will summarize what has already been done in this area, what are the plans and schedules.

Presenter: Petr Mládek (Package maintainer, Novell, Inc) *Biography:* Petr Mládek, 31, has been working for SUSE Linux as the package maintainer since March 2001. He started to work on the OpenOffice.org package in spring 2002. He has been member of the OpenOffice.org security team since June 2006.

General Stream

State of the Project

Track: General *Type:* Presentation *Audience:* Everyone

Abstract: An account of the state of the OpenOffice.org project.

Presenter: Louis Suarez-Potts (Community Lead, OpenOffice.org) *Biography:* Louis is the Community Manager of OpenOffice.org, a role he has held for the last seven years.

Across the Great Wall

Track: General *Type:* Case Study *Audience:* Everyone interested in bringing the community to new shores

Abstract: This session should be basically a case study about my current job, integrating my employer, Chinese company 'Beijing Redflag CH2000', into the OpenOffice.org community. The term 'Great Wall' should not only be a synonym for China, but also for other barriers as language and differently approaching communication. I want to show pitfalls and lessons learned to ease the integration of upcoming contributors from different cultures.

Presenter: Peter Junge (Program Manager, QA Developer, Beijing Redflag Chinese 2000 Software Co., Ltd.) *Biography:* Born 1963 Diplom-Geophysiker (Master of Geophysics) 2000 - 2006 Employee of Sun Microsystems, QA Engineer StarOffice/OpenOffice.org development Since 2006 Employee of Beijing Redflag Chinese 2000 Software Co., Ltd., Program Manager and Senior Engineer Open Source Technology Department

Case Study: OpenOffice.org Guerrilla Advertising in the New York Metro Newspaper

Track: General *Type:* Case Study *Audience:* Marketers, students, and anyone interested in ways to promote OpenOffice.org that don't require programming.

Abstract: In the summer of 2006, I emulated the Firefox advertising campaign in a major NYC publication. Raising donations online and working with the Metro newspaper, we created a back page ad promoting OpenOffice.org to New York City readers. Small projects like this can be replicated around the world, with little central coordination, to raise brand awareness and usage of OpenOffice.org. We maintained a project website and archive at (an excerpt follows): <http://homepage.mac.com/bhorst/> Following the trail blazed by Firefox, we posted an advertisement for OpenOffice.org in the free daily newspaper "Metro" in New York City. We qualified for non-profit prices and therefore got a lot of bang for the buck. Each weekday, 330,000 free copies of Metro are distributed to commuters in the five boroughs. Roughly 450,000 people read it, and they represent a young, affluent and savvy demographic. 1. Discussion is carried out in the OpenOffice Ads Action Google Group. 2. Collection was completed successfully, and the ad ran on Monday, July 31, 2006. You can download a PDF of the Metro issue, and see the ad on the back page. (Click on July 31 in the calendar, then press the "Get Your Metro" button, and it'll download for you.) 3. You can still donate directly to OpenOffice.org.

Presenter: Benjamin Horst (Marketing Volunteer, Freelance) *Biography:* Horst is a 1999 graduate of Vassar College, with a BA in Geography. He received his Master in Urban Planning from Harvard University Graduate School of Design in 2001, and now lives in New York City, working in the field of internet startups. Horst has spoken about OpenOffice.org, open source software and Free Culture on a number of occasions: * Vassar College Media Cloisters @ 'Gaming and Virtual Words' Panel * Comdex 2003 * University of Southern California Linux User Group * National Hispanic Women's Leadership Conference * Vassar College Media Cloisters @ 'Free Culture and the University' * Free Culture National Summit 2006 at Swarthmore College * Westchester (NY) PC Users' Group Complete CV available here: <http://www.solidoffice.com/about/benjamin-horst-cv/>

Political struggles in Denmark - My experiences

Track: General *Type:* Presentation *Audience:* Anyone interested in promoting open standards and getting involved in IT politics . This is absolutely not a technical discussion but more a description of what I did to promote ODF in a political process.

Abstract: Presentation of my experiences in the democratic process in Denmark moving towards the use of open standards in the public sector. How to talk to members of the Parliament, journalists and public servants. Latest news and progress.

Presenter: Leif Lodahl (Language coordinator in Denmark,) *Biography:* I have been working as project manager, consultant and instructor at Symfoni Software Denmark for seven years. The company is IBM Business Partner and I work in the Lotus Notes department. I started working with OpenOffice.org as volunteer about five years ago. First translation of OpenOffice.org 2.0 and then as coordinator for translation of the written manuals. Since March this year I have been the LangCoord in Denmark. I am 42 years old, married and with two boys aged 12 and 14. I live some 10 kilometers north of Copenhagen, Denmark.

ODF / XML Stream

Marketing ODF to the OpenOffice.org project

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* NLC, Marketing, Community

Abstract: This session is aimed at explaining and discovering the benefits of ODF for the OpenOffice.org community. The community itself is pretty much unaware of ODF, its importance to the worldwide communities, because ODF and Open Standards were never explained to them in "their own words" and in a way the reality of open standards can be expressed clearly to them. This session will thus attempt to integrate arguments and facts about ODF inside the framework of native-language projects, marketing project, etc.

Presenter: Charles-H. Schulz (Lead of the Native-Language Confederation, Ars Aperta / Native-Language Confederation) *Biography:* Charles-H. Schulz, graduated in the ISEG Paris, has a Master of International Trade and Negotiation, Ars Aperta co-founder. He worked in many FLOSS companies including Mandriva and Novell. He is the lead of the Native-Lang Confederation of Openoffice.org. He works at fostering the international development of this successful project. He is in charge of the worldwide coordination of the communities of users, developers and documentation teams of the OpenOffice.org project.

ODF Interoperability

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* General technical, does not assume knowledge of OO internals

Abstract: We'll look at interoperability from several angles, with an emphasis on OpenOffice.org and how its output can be interchanged with other applications. We'll look at what works well, what doesn't, and what we need to do to improve interoperability.

Presenter: Robert Weir (Software Architect, IBM) *Biography:* Born, 1969. Not dead yet, 2007. Member of various standards committees related to ODF, including the OASIS ODF TC, the ODF Adoption TC, the ODF Metadata Subcommittee, the ODF Formula Subcommittee, INCITS V1 (JTC1/SC34 mirror committee in the US).

Chinese Office Software Standards UOF and Inter-operation of OpenOffice.org ODF

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* all

Abstract: UOF which stands for Unified Document Format is the proposed document format of Chinese office software. XML-based Chinese Office Software Document Format Working Group was set up by China National IT Standardization Technical Committee in 2002. It consists of 4 parts – they are UOF document format – UOF storage format – Application program Interface (API) and User interface of Chinese office software. The converter between UOF and ODF had been embedded into Openoffice.org now and will be submitted to OpenOffice.org by RedFlag Ch2000 Company introduce the history, features and structure of UOF as well as the inter-operation between UOF and ODF.

Presenter: Xiuzhi Cheng (ESC member, Beijing RedFlag Chinese2000 Software Co. Ltd.) *Biography:* I have experience on OpenOffice.org for more than five years and major on UOF and ODF for more than three years.

Integrating OpenOffice.org with Web Content Management Systems

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* OpenOffice.org users and ODF XML developers

Abstract: While the OpenOffice.org Writer application provides a simple yet powerful writing environment, the underlying OpenDocument XML format (ODF) in which the documents are stored provides opportunities for document portability, reuse and integration with other systems and workflows. By supporting integration with the ODF format, the eZ Publish content management system (CMS) enables collaborative document production, simple website updates and multi-channel publishing (including XHTML, RDF and PDF). This talk will describe the eZ Publish ODF import / export extension, demonstrate how the OpenOffice.org Writer application can be used to generate standards-compliant website content, and show some cool tips and tricks (such as how to migrate from Microsoft Word documents to ODF automatically by using OpenOffice.org macro support in a CMS application).

Presenter: Bård Farstad (Co-Founder & V.P. Business Development, eZ Systems) *Biography:* Bård Farstad is one of the co-founders of eZ systems, the software company behind the Open Source Enterprise CMS system eZ publish. He has been working professionally with Open Source since 1999 and is currently living in Porsgrunn, Norway.

Public Administration Stream

On-Site Requirements Engineering for OpenOffice.org - A Practical Approach

Track: Public Administration *Type:* Case Study *Audience:* engineers with an attitude towards the user, usability professionals who are interested to join the user experience project

Abstract: The user experience project (ux.openoffice.org) started in January 2007 with the intention to improve the usefulness and usability of OpenOffice.org for our users. Therefore we need to learn and understand how OpenOffice.org is actually used. We took the opportunity to meet with employees of VBG (a large accident insurance company in Germany which migrated to Linux and OpenOffice.org) and conducted several workshops to gain unfiltered insights into real life working contexts. The requirements engineering was done using a synergy effect with a parallel usability project between VBG and UID, in which more than 200 on-site interviews were done and served as initial input for our research.

Presenter: Matthias Muller-Prove, Christian Jansen, Sabine Ozalp, Ronald Hartwig, Maren Mauselein (User Experience Engineer / Co-Lead of the User Experience Project, Sun Microsystems / User Experience Project) *Biography:* Matthias Muller-Prove played a significant role in designing the user interface of the web editor Adobe GoLive before he joined Sun Microsystems to work on OpenOffice.org in 2002. He is now co-lead of the OpenOffice.org User Experience Project. Matthias holds a BSc. and

diploma in Computer Science from the University of Hamburg with special focus on human-computer interaction and the history of hypertext and graphical user interfaces. Christian Jansen is a User Experience Engineer of the StarOffice User Experience team at Sun Microsystems. During the last 8 years, he played a major role in specifying the graphical user interface of OpenOffice.org. He holds a degree in Communication Design from the 'Hamburger Akademie für Kommunikationsdesign und Art Direction' (Hamburg Academy for Communication Design and Art Direction) Dr. Ronald Hartwig works in the area of Usability Engineering for more than 10 years. He never encountered an ideal project with respect to usability engineering. But his flexible attitude and the ability for pragmatic decisions let him contribute to the success of the projects. As Manager Consulting & Training at UID it is his mission to bridge the gap between theory and reality. Maren Mauselein works as Usability Consultant at User Interface Design GmbH. She holds a Diploma in Media Science with a focus on Media Informatics. Maren has studied at the University of Paderborn, Germany and Jönköping International Business School, Sweden.

ODF in Russia. Status, problems and future trends.

Track: Public Administration *Type:* Presentation *Audience:* Public Administration, Government, Marketing, Native Language Confederation

Abstract: This talk will be based on the analytic report made for Ministry for Economic Development and Trade of the Russian Federation. It will cover the following aspects: - analysis of international experience of ODF migration - analysis of known and possible migration problems - pilot project results (public and federal objects in of the regions of the Russian Federation) - ODF migration results of one of the departments of Ministry for Economic Development and Trade of the Russian Federation

Presenter: Rail Aliev (CTO / Russian and Turkish Native Language Project co-lead, Technical Coordinator of Eurasia Native Language Confederation, Infra-Resource) *Biography:* Born (1975) in Ukraine, graduated from Business Management Faculty of Istanbul University (Turkey), moved to Moscow (Russia) in 1999.

Enterprises Stream

Redoffice Creating a More Friendly Operating Style and Using Experience

Track: Enterprises *Type:* Presentation *Audience:* People interested in the product development and commercialization

Abstract: Redoffice, with the foundation of OpenOffice, is a commercial Office Suite from China. It is authored with a sensation of toppling over the tradition and pursuing higher level of ideal. With the innovative user interface, more object-oriented templates and ClipArt resources, the user is encouraged to get more involved with the product design and interaction. Armed with the tight connection with Internet, Redoffice is capable of real-time update and instant version renewal. Redoffice will make full use of the excellent technical architecture and powerful community force of OpenOffice to explore and improve the end-user's operating experience, extending the Internet-based service mode to attract more and more users to join in.

Presenter: ShaoLiang Yang (Director of Product Dept., Beijing Redflag Chinese 2000 Software Technology CO.,LTD) *Biography:* Embarking on the research of OpenOffice since year 2001 and currently being responsible for the product planning and architecture design of RedOffice.

Automating a Production Publishing System

Track: Enterprises *Type:* Case Study *Audience:* Developers and users interested in OpenOffice.org and ODF used within larger production processes/workflows

Abstract: Illuminata is a small IT advisory firm with a long-standing publishing business. Over the past several years, we have shifted from FrameMaker to OpenOffice.org as the basis for our publishing process, substantially increasing the degree of automation in the process. This case study talk will describe how we did it, and explain many lessons learned along the way.

Presenter: Jonathan Eunice (Founder and Principal IT Advisor, Illuminata, Inc.) *Biography:* Jonathan Eunice is a prominent information technology analyst. He has advised Global 2000 businesses and government agencies on IT strategies for nearly twenty years. In this time he has authored hundreds of publications and client inquiry responses on a broad range of IT topics, including system and software architectures, operating environments, and development tools. He is also the principal author and caretaker of Illuminata's backend publishing systems.

Birds of a Feather

Aqua OpenOffice.org : the Light

Track: Development *Type:* Birds of a Feather (BoF) *Audience:* Developers (some parts need technical knowledge)

Abstract: 3rd part of Native Mac OS X port of OpenOffice.org In this presentation, the status of native Mac OS X port of OpenOffice.org will be presented : - evolution since last year - description of the technical points solved/ remaining - live presentation of the Aqua version (work in progress) - Objectives / work in progress and future of Mac OS X port

Presenter: Eric Bachard (Porting project Co Lead / Mac OS X Lead,Porting project) *Biography:* Professor of Applied Physics at University of Technology of Belfort Montbeliard (UTBM , <http://www.utbm.fr>) 43, married, 2 children,French

Who is using OpenOffice.org

Track: General *Type:* Birds of a Feather (BoF) *Audience:* Everybody

Abstract: In this BoF the latest OpenOffice.org user survey data will be presented and discussed.

Presenter: Erwin Tenhumberg (Open Source Group,Sun Microsystems) *Biography:* Erwin Tenhumberg is a member of the Open Source Group at Sun Microsystems which is led by Sun's Chief Open Source Officer Simon Phipps. Among his roles and responsibilities are community development, marketing and evangelism for OpenOffice.org. In addition, Erwin Tenhumberg focuses on open source business models and open source in the public sector. Besides his role in the Open Source Group, Erwin is also co-chairing the OASIS OpenDocument Format (ODF) Adoption TC (Technical Committee).

The price is high! Is it too high?

Track: General *Type:* Birds of a Feather (BoF) *Audience:* Developer, manager, decision maker

Abstract: When we have decided to keep the UNO (the C++ and Java runtime) and the office API compatible, we were probably not really aware of the long term influence on our daily development work and especially the quality and the usability of the API. The experiences of the last years have shown that is impossible to design perfect API's in the first shot. Well we have introduced some help mechanism like the 'published' keyword to mark API's as potential candidates for changes. But even with this mechanism the compatibility statement is a huge burden. The price is high and the costs are on the side of the project. The question is if the price is maybe to high and if this compatibility statement prevent us to be flexible enough in the future. This session should try to answer this question or at least should inspire to think about it. Potential ways for the future should be analysed in consideration of costs for our customers and our developers on one side and innovation and better, simpler and more intuitive programmability features on the other side.

Presenter: Juergen Schmidt (Software Engineer,Sun Microsystems) *Biography:* Juergen Schmidt is working for Sun Microsystems in the StarOffice group for 10 years. He was deeply involved in the development of the UNO component model which is the foundation for the OpenOffice.org/StarOffice API. The OpenOffice.org community is one aspect of his daily work. He is involved in the OpenOffice.org project since the beginning, he is the project lead of the OpenOffice.org API project and the co-lead of the Extensions and ODF Toolkit project. His main goal is to spread the knowledge around the programmability features of OpenOffice.org around the world and to show that it is more than only an office productivity suite.

Releasing OpenOffice.org: translation and QA process

Track: Other: people from native language communities *Type:* Birds of a Feather (BoF) *Audience:* members and newbies interested in localizing and releasing OpenOffice.org

Abstract: This informal presentation aims at giving an overview of the major steps that need to be performed to release a native version of OpenOffice.org. Well established processes are the baseline used to provide clearer instructions on what is really important to do in order to make sure that the translated product gets also distributed. A discussion about technical experiences gathered from the last releases especially by native language communities is welcome.

Presenter: Rafaella Braconi and Joost Andrae (Rafaella: project lead (l10n), Joost: project co-lead (QA),Sun Microsystems) *Biography:* Joost: Working for StarDivision/Sun Microsystems since 12.5 years now Joost is nowadays working as StarOffice / OpenOffice.org Program Manager within the StarOffice

development team in Hamburg. As a co-lead of the OpenOffice.org QA project he helps to coordinate all activities and additionally tests (QA), releases, announces and uploads OpenOffice.org builds to the mirror network. Rafaella: As Globalization Program Manager at Sun Microsystems, Inc., Rafaella Braconi is responsible for delivering localized quality products back to Sun to internal customers. She counts a 9 year experience at Sun Microsystems in the field of localization. She was previously acting as Translation Manager of the StarOffice Translation Department and worked in the Translation and Language Information Services (TLIS) and had a key role in designing and setting up an internal linguistic quality assurance process among others.

Thursday 20th September - Focus on Extensions

Timetable

Focus on Extensions					
Development		General		Development	General
08:30-09:00 <i>Community Council Question & Answer</i>					
09:15-10:30	Extension Infrastructure: Recent Achievements and Future Prospects	The Extended OOo Ecosystem	Open Source External Engine: A Resource and Parser for Spell Checker and Grammar	NLP - A sustainability path to OpenOffice.org	
10:45-11:00	Benefits of Extensions	OpenOffice.org & Alfresco	Integrated tools for spelling, style, and grammar checking	Recito: An Open Source Graphical IDE for Automatic Document and DataFlow Manipul	
<i>Break</i>					
11:30-12:15	OpenOffice.org Development with NetBeans	OpenDocument on Mobile Devices	Rewriting the Chart - A Retrospect	Thunderbird/Lightning PIM, the missing Office piece	
12:30-13:45	Developing Smart Tag Components for OOo	GravityZoo: Bringing OpenOffice.org to the Internet	3D Slideshow Transitions: Adding OpenGL-Accelerated Transitional Effects For Imp	Open Source Project Management	
<i>Lunch Break</i>					
15:00-15:45	Tavernalc: How to transform your OpenOffice Calc into a grid.	Beyond Microsoft: Positioning The "Next" OpenOffice.org As A "Web 2.0/Work 2.0/B	New Filter for MS Word: Handle Many Formats Like One	Why are you doing this to me?!? (Migration tips to avoid hearing, when it comes	
16:00-16:45	Not the parrot sketch: Implementing an OOo config browser using Python	Dynamic Presentations in OpenOffice.org Impress	Effective Graphic User Interfaces in StarBasic	Proceeding the TrainedMonkey way - How to become (and remain) OpenOffice.org dev	
<i>Workshops</i>					
17:00-19:00	What needs to be done after a GUI test - How to get a valuable result from the V	OpenOffice.org Calc: From 0 to Hero in 30 Minutes	Debugging OOo Mac OS X with gdb, emacs and xcode	Marketing to Developers	

Development Stream

Extension Infrastructure: Recent Achievements and Future Prospects

Track: Development *Type:* Presentation *Audience:* Developers of extensions

Abstract: The session will provide information about new features of the extension infrastructure and how to use them. It will further give an outlook to future enhancement or features. The new features include: Package manager renaming: Introducing the term extension in the UI. System integration: Easier installation of extensions through file browsers, web-browsers, e-mail clients. Extension versioning: How the extension manager uses the version. Extension identifier: Uniquely identifying extensions. Installing extensions with the same filename. Online update: Requirements for extensions and infrastructure. Options: Integration of options pages in OOo's options dialog and Extension Manager's options dialog.

Presenter: Joachim Lingner (Software engineer, Sun Microsystems, Inc.) *Biography:* I am a software developer and work for Sun since 1999. Since then I have been involved with UNO and projects regarding the "programmability" of OpenOffice.org (for example, language bindings).

Benefits of Extensions

Track: Development *Type:* Presentation *Audience:* developers, users

Abstract: Multiracio Ltd. has a long history of working with OpenOffice.org. Starting from a Hungarian localization we have moved to outfitting our multi-language version with numerous additions and modifications and we are now moving to an extension-based model. The benefits of this move are for the users, the developers and for the OpenOffice.org community. The users can buy just the functionality they want instead of the full package, and also use it on any flavour of OpenOffice.org. As developers, we have experienced a faster development cycle and a clearer separation of responsibilities in the code. The community benefits by the availability of our extensions for OpenOffice.org, but also by a number of open-source additions to OpenOffice.org that were needed by some of our extensions and may be useful for others too. The presentation will include demos of some of our extensions (such as the map chart) as well as technical details of the extension development process.

Presenter: Dániel Darabos (lead developer, Adaptive Software Center, Eötvös Loránd University, IKKK) *Biography:* With five years of OpenOffice.org related development experience Dániel is part of the EuroOffice team at Multiracio Ltd. and a researcher at the Adaptive Software Center of the Eötvös Loránd University.

OpenOffice.org Development with NetBeans

Track: Development *Type:* Presentation *Audience:* All OpenOffice developers

Abstract: Using the OpenOffice.org Plugin for NetBeans, the session will show how easy it can be to develop extensions for OpenOffice.org. The session will cover these topics: - Introduction to the OpenOffice.org Plugin - Wizards for creating Extensions: e.g. Add-On, Calc Add-In - Create, Deploy and Debug your Extension - Support for description.xml - Outlook

Presenter: Steffen Grund (Software Engineer/co-lead API project, Sun Microsystems GmbH) *Biography:* After working at Sun Microsystems in Hamburg for 6 years now, I am currently part of the Programmability team and co-lead of the API project.

Developing Smart Tag Components for OOo

Track: Development *Type:* Presentation *Audience:* Developers

Abstract: The new OpenOffice.org smart tag API provides a means to associate actions with document content. For example, some piece of text 'xyz@abc' might be recognized as an email address. A possible action associated with the smart tag type 'email address' could be to add a new contact to your address book. Developing a smart tag component consists of two parts: - Implementing a smart tag recognizer. - Implementing smart tag actions. This session gives a general overview of the smart tag feature and shows how to develop smart tag components for OpenOffice.org Writer.

Presenter: Frank Meies, Frank Loehmann (Frank Meies: Software Engineer, Co-lead OpenOffice.org Writer; Frank Loehmann: User Experience Engineer of the OpenOffice.org User Experience Team, Frank Meies: Sun Microsystems, OpenOffice.org Writer; Frank Loehmann: Sun Microsystems, OpenOffice.org User Experience Team) *Biography:* Frank Meies graduated in Mathematics at Münster, Germany. Has been working on StarOffice/OpenOffice.org Writer since 2001. Frank Loehmann has been working on StarOffice/OpenOffice.org since 1995, the last 7 years with the OpenOffice.org/StarOffice User Experience Team. He holds a degree in Computer Science.

Tavernalc: How to transform your OpenOffice Calc into a grid

Track: Development *Type:* Case Study *Audience:* Everybody who wants to write a plugin or see what can be written.

Abstract: The topic we would like to cover deals with UNO functions and applications. We have worked out a plugin that incorporates Taverna's functionality into Calc. Taverna appeared as an effect of cooperation of the European Bioinformatics Institute (EBI), IT Innovation, the School of Computer Science, University of Newcastle, Newcastle Centre for Life, School of Computer Science at the University of Manchester, Nottingham University Mixed Reality Lab, Biomoby project, Seqhound, Biomart and many other institutions. This is a program that allows its user, a biologist or a bioinformatician, to make complex data analysis using both local or remote data and computational resources. This is done by letting a user create a workflow representing how data are processed: where

they are taken from, which processors (the Taverna's most basic entities that process the data) should be used, their interdependencies and when and what can be done in parallel. Then, by clicking "Run workflow", the workflow is evaluated. Our plugin enables to perform these actions within OO Calc. We have programmed a mechanism that allows to put the processors into the spreadsheet as usual cells. The whole responsibility of inferring dependencies and making computations parallel is put on Calc's formula evaluating engine. With a help of our add-ons, the user puts the processors into the sheet and decides where their inputs are. After creating such a sheet, he or she clicks an appropriate button and the "workflow" evaluates. This approach opens up new possibilities for the users: -the data, the final and the intermediate results can be subjects of any action that is possible in Calc: making graphs, acting as arguments for other formulas, etc. - the data are easily organized in the sheets and documents - it offers to use an open, widely used format (Open Document Format) Moreover, it improves the ease of use: virtually everybody knows how to use a spreadsheet. The plugin has been programmed in Java. It uses many features that UNO and OO API make available: add-in functions, add-ons, new services. We would like to make a case study on this project, which would cover such aspects as: -the identification of the original ideas -actual programming and its operation -how it is written -the application of the used UNO and OO API features -problem areas in the project -difficulties we had exploring, learning and using UNO and OO API -our suggestions to make people write OO plugins Summary: We would like to present a practical use of UNO and what can be done with it. It would also be a great occasion to share our experience of learning UNO and OO API and programming a plugin with them. The case study would include the cause of writing such a plugin, the success, the difficulties we encountered and a new plugin developers' suggestions.

Presenter: Marek Dopiera, Adam Kawa, Piotr Krewski, Tomasz Weksej (.) *Biography:* We are 3rd year computer science students of Faculty of Mathematics, Informatics and Mechanics at Warsaw University, Poland. By July 2007 we will have achieved Bachelor's degree.

Not the parrot sketch: Implementing an OpenOffice.org config browser using Python

Track: Development *Type:* Presentation *Audience:* developer

Abstract: This talk will present a config browser extension for OOo, quite similar to the mozilla about:config facility. Because larger parts of OOo's configuration are not accessible through any UI, modifying things like caching and buffering strategies, ldap settings, or font substitution lists currently requires editing xml files by hand. The config browser extension relieves the casual config hacker from this burden, and provides UI for every configuration item. Besides demoing the extension (and what can be done with all those hidden config items), the talk will also showcase the powerful combination of UNO with a modern scripting language like Python - which facilitates rapid prototyping of quite complex solutions.

Presenter: Thorsten Behrens (,Sun Microsystems, Inc.) *Biography:* Thorsten Behrens, being a programmer since ages, finished a degree in computer science, and joined Sun's StarOffice/OpenOffice team shortly thereafter. Since winter 2003, he's been busy redesigning and implementing OOo's new rendering and slideshow components.

General Stream

The Extended OpenOffice.org Ecosystem

Track: General *Type:* Presentation *Audience:* General

Abstract: Most people know OpenOffice.org only as an Office suite, enabling people to create fancy text documents or doing complex calculations. Only a few know about its open file format ODF (OpenDocument Format), and even less know that OpenOffice.org is build of components which can be used independently and for very dedicated purposes, e.g. as document viewers or document converters. This session aims to give a understanding of what OOo's components are, how they might be used, and where the trends are going, all together forming the extended OpenOffice.org ecosystem.

Presenter: Kay Ramme (Senior Technical Architect / Uno (UDK) Project Lead, Sun Microsystems / Uno (UDK)) *Biography:* I am the lead of the Uno (UDK) project on OpenOffice.org. I started programming in 1980 on a CBM PET, continued to do that on Atari 8 + 32bits and finally arrived in the PC world. I got a masters degree in computer science from the University of Hamburg. I joined former StarDivision in 1997 and work for Sun Microsystems since StarDivisions acquisition in 1999.

OpenOffice.org & Alfresco

Track: General *Type:* Presentation *Audience:* All public

Abstract: Nowadays, a productivity suite can not be only a program for document edition. The edition function of the office suites is now a fact, however the document life cycle and management importance is growing. Many external products are competing to provide these document management features. Among them Alfresco, a free Enterprise Content Management provides useful features using a web client interface. OpenOffice.org has a role to play in the management of documents. Far from reinventing the wheel, OpenOffice.org has to integrate the ECMs. This session is about the integration of Alfresco features into OpenOffice.org. The session will include a quick presentation of Alfresco, but will present which features have already been integrated and what needs to be done. The integration will be demonstrated to better illustrated the presentation.

Presenter: Cédric Bosdonnat (Consultant,StarXpert) *Biography:* Cédric Bosdonnat, 24, graduated from INSA Lyon in 2006, he is now working as FOSS consultant at StarXpert. Involved in the development of an OpenOffice.org extension to provide Alfresco features, he uses both his OpenOffice.org and Alfresco knowledge. As a hobby, he is working on the OpenOffice.org development plugin for Eclipse started in 2005 by a Google Summer of Code.

OpenDocument on Mobile Devices

Track: General *Type:* Presentation *Audience:* all OpenOffice users who want to access their files on the road

Abstract: The native C++ application Mobile Office is the first and currently only OpenDocument implementation for the Symbian platform as well as any other mobile platform. For the first time, it is now possible to view its office files from OpenOffice/StarOffice on the go without the need to convert the file and compromise on any available ODF features. As this is a great new possibility for lawyers, consultants, accountants and all other users of OpenOffice, I would like to present this to the OpenOffice community. Mobile Office Homepage: <http://www.sept-solutions.de/English/office.php> Mobile Office Screenshots: http://www.sept-solutions.de/English/office_screenshots.php Topics: 1.Introduction to Mobile Office and its background 2.Available versions and very short introduction to available Symbian devices 3.Live Demo of available features with mobile connected to projector

Presenter: Maximilian Odendahl (CEO,SEPT-Solutions) *Biography:* Besides studying Computer Engineering in Aachen, Germany, I founded SEPT-Solutions to use the large expertise in developing software for mobile devices. To reach an even larger audience for ODF, Mobile Office was developed as a major new application for the company as well as an important implementation for ODF. Besides that, I am working on a new notes implementation for OpenOffice.org

GravityZoo: Bringing OpenOffice.org to the Internet

Track: General *Type:* Presentation *Audience:* All conference attendees

Abstract: GravityZoo has started its OpenOffice.org porting project with the goal to bring OpenOffice.org to the Internet. An essential first step is the creation of an OpenOffice.org Collaborative environment. This presentation explains the working of this collaborative environment as well as the work involved in the porting of OpenOffice.org components to the GravityZoo Framework. Once OpenOffice.org is ported, it will become a suite of online productivity applications. Apart from the collaborative dimension, it is not to be distinguished from a locally installed version. The GravityZoo Framework itself is a networked computing platform. All files and applications live on the network where they are accessible from any network-enabled device, be it a PC or a handheld device.

Presenter: Marcel van Birgelen (CTO, The GravityZoo Company ,GravityZoo OpenOffice.org porting project) *Biography:* Marcel van Birgelen holds a bachelors degree in Technical Informatics and with over 10 years of high level experience involving ASP/ISP activities, software architecting & engineering and operating system development, he is presently leading the GravityZoo engineering team responsible for the development of the GravityZoo Framework. A project he believes will change the internet and software paradigm as we know it today.

Beyond Microsoft: Positioning The Next OpenOffice.org

Track: Other: Development & Future Strategy *Type:* Presentation *Audience:* System Designers, Developers/Development Community, System Architect, Technology Strategist, User Community

Abstract: OpenOffice.org vs Microsoft Office classic battle has been in the annal of 'feature vs. feature comparison' in which Microsoft try to justify their 'superiority' by showing their interface is more mature and better. It is a tiring game. Meanwhile, while people do still care (a bit) about how Microsoft can create a 'slightly better BOLD or more unique ITALIC' in their document, with the emerging of web 2.0/work 2.0/office 2.0 collaboration, workflow and participative connectivity around people's world of

work, soon (and increasingly) what people really need -- and shall be really increasingly concerned about -- is new seamless ability for their desktop system to become a 'natural front-end' to their connected business processes, and to their collaborative / participative / connected activities daily. The presentation will elaborate 3 core ideas to leapfrog Microsoft Office existing feature strategy, and various ways to position OpenOffice.org further into the future as a leading connected 'web 2.0/work 2.0/office 2.0' front-end, rather than just as a great 'offline office front-end'. Based on experience trying to integrate OpenOffice.org to the 'Web 2.0 workflow and collaboration mechanism' the past 1.5 years, the session will try to share some key design and architectural perspective, as well as summarize and elaborate key technical feature and API capability areas where the 'Next OpenOffice.org' system might need to be complemented and technically improved, so that the next OpenOffice.org release will gain technical superiority in this emerging "connected work productivity" segment. After this 'NetOffice' initiative, the Microsofts old trick and theme of emphasizing on their 'technical bold & italic' shall not become big matter anymore. Seamless desktop-to-web front-end connectivity, web-interaction security and ability of OpenOffice.org to act as the most natural front-end for 'Web 2.0/Work 2.0/Office 2.0 connected processes/interactivity' is the one that really matters. The next release of OpenOffice.org perhaps has the chance to innovatively make happen something that truly exciting and innovative; something that innovatively redefine the future of 'desktop computing', enhancing the power and betterness of the connected-world society as a whole; something that contribute greatly to the advancement of the world's upcoming participative community in the future; something that goes simply 'beyond Microsoft'.

Presenter: Arvino Mudjiarto (Founder & President Director, Worxcode,Worxcode) *Biography:* Arvino Mudjiarto, Worxcode. 7 times Asia Pacific Award Winner including CTO Award 2006 & Beacon Award 2007, 'Oscar' of the IBM Industry. Arvino was formally an award winning Country Director for Lotus/IBM and award winning CTO for e-business IBM. In 2002 he start Worxcode, a company focuses on automation design & software construction. Currently Worxcode is an internationally award winning automation design and software construction company specializing in design, development and deployment of web2.0 system for business. The company put the web at work, enable business and enterprises of all kind to improve their work productivity, innovation/collaborative capability; establish connected desktop, connected processes, mobile, integrated digital enterprise as the result.

Dynamic Presentations in OpenOffice.org Impress

Track: Other: We think Enterprises and Development Type: Case Study Audience: Developers will be interested in our code. Managers will be interested to use our code to build new products

Abstract: In this presentation, Lexatel Technologies will show a way to integrate presentations with MySQL databases using py-uno, explaining our case. This system has been introduced by Lexatel Technologies in several production environments. The result is a screen providing useful graphical information contained in the clients' databases, adding a valuable service to Lexatel Technologies products. The aim of this conference is to show the community how these Python libraries have been developed, which problems we have found and how we have fixed it. It also aims to provide a service which is already available for other office software suites. It is possible to start using the system without any development: only preparing a presentation and writing the SQL queries in a single configuration file. In this way, the system provides an abstraction layer which separates design and programming worlds, in order to simplify design changes.

Presenter: Carles Pina i Estany (IT Manager,) *Biography:*

Thursday 20th September

Development Stream

Open Source External Engine: A Resource and Parser for Spell Checker and Grammar Checker Add-in for OpenOffice Writer

Track: Development *Type:* Case Study *Audience:* NLP researchers, OpenOffice developers

Abstract: In this research, we used a different approach in the development of a Tagalog spell checker and grammar add-in for OpenOffice Writer. We used a third party open source software as resource and parser. This system can be used in Linux or Windows OS.

Presenter: Editha D. Dimalen (Associate Professor,M) *Biography:* Editha D. Dimalen is a faculty member/researcher of Mindanao State University-Iligan Institute of Technology (MSU-IIT), Philippines. She also serve as CHED-RQAT (Commission on Higher Education- Regional Quality Assessment Team) Member for Information Technology. She earned her Master of Science in Computer Science at De la Salle University-Manila last 2003 under the Department of Science and Technology scholarship grant. While at the university, she worked as research fellow of Dr. Rachel Roxas, Senior NLP Researcher of DLSU-Philippines. While serving at MSU-IIT, Editha supervised some projects and research activities of the Institute.

Integrated tools for spelling, style, and grammar checking

Track: Development *Type:* Presentation *Audience:* developers interested in linguocomponent; users; i18n teams

Abstract: Integrated tools for spelling, style, and grammar checking OpenOffice.org's linguocomponent project has three major goals: provide spell checking, grammar and style checking, and thesauri for as many languages as possible. The talk will give an overview of the state of all these projects, with an emphasis on grammar checking. Spell checking has greatly improved with the integration of hunspell in OpenOffice.org. However, a spell checking software is worth nothing without dictionaries. The talk will show how dictionaries can be built and how free sources like Wikipedia can be used to extend and update existing dictionaries. Grammar and style checking is the natural next step to complement a spell checker. With the release of LanguageTool and its integration into OpenOffice.org much progress was made in the last year. The talk will show LanguageTool's features, its integration into OpenOffice.org and how easy it is to add support for new languages to LanguageTool: rules to detect errors can be written both in XML and in Java source code. Examples will show the broad range of errors and style issues that LanguageTool can detect. Unlike a spell checker, LanguageTool can show a detailed description of the problems it detected. This makes it especially suited for technical documentation where the writer is often required to adhere to a specific vocabulary. Future versions of LanguageTool will be more tightly integrated into OpenOffice.org using a common grammar checker API that will allow on-the-fly checking of text. Creation of high quality thesauri is also a task that requires quite some manual work. However, using the OpenThesaurus project new thesaurus can be developed by a community of users using a web interface. The talk will show how to create a new thesaurus for a language that's not yet supported. OpenThesaurus will then export it automatically to the format used by OpenOffice.org.

Presenter: Daniel Naber (software developer,linguocomponent) *Biography:* Daniel Naber studied computer science and linguistics and now works as a Java developer for an Open Source start-up company. He is the maintainer of OpenOffice.org's German thesaurus and the author of the Open Source grammar checker LanguageTool, which has already been extended to support 8 languages and which works as an OpenOffice.org plug-in, too. Furthermore, he maintains the web pages of the OpenOffice.org linguocomponent project.

Rewriting the Chart - A Retrospect

Track: Development *Type:* Case Study *Audience:* Developers/Contributors

Abstract: As you might know there is a new Chart module in OpenOffice.org. The old module had several limitations regarding maintenance and extensibility. Therefore, it was not refactored but instead entirely rewritten from scratch. This sounds like a huge task, and it was. In my talk you will hear about the experience we made in re-writing the chart application and what we learned from it.

Presenter: Bjorn Milcke (Software Developer, Sun Microsystems GmbH, Germany / graphics) *Biography:* Bjorn Milcke graduated in Computer Science in Würzburg, Germany. Working on StarOffice/OpenOffice.org Chart since 1999 (first for StarDivision then for Sun Microsystems)

3D Slideshow Transitions: Adding OpenGL-Accelerated Transitional Effects For Impress

Track: Development *Type:* Case Study *Audience:* Developers

Abstract: Presentation of the system implementation, including my experience as a first time OpenOffice.org contributor who has never coded outside of Windows, and never outside of college projects.

Presenter: Shane Michael Mathews (Student and newcomer to OpenOffice.org, Impress) *Biography:* A student at DigiPen Institute of Technology in Redmond, WA, USA. He's currently participating in Google's Summer of Code program.

New Filter for MS Word: Handle Many Formats Like One

Track: Development *Type:* Presentation *Audience:* Developers, Users

Abstract: In the current version of OpenOffice.org there are separate filters each of the MS Word formats (.doc, .rtf, XML). A closer look reveals that there is a common structure underlying all the formats. The MS Word core "shines" through. To reflect this fact we started implementing a new filter that handles all formats using a modular design. There are modules that handle the specific characteristics of the formats and a domain mapper module that maps from the MS Word universe to the OpenOffice.org universe. In this session we discuss the design of the new filter and give an overview about the status of the project.

Presenter: Fridrich Strba, Henning Brinkmann, Oliver Specht (, Sun Microsystems (Henning Brinkmann, Oliver Specht), Novell (Fridrich Strba)) *Biography:* Henning Brinkmann works for Sun Microsystems since 2002 and is a member of the Writer team since then. He has worked on the core of the Writer and now develops for the new filter for MS Word formats. His main fields of interest in the new filter are the model driven approaches used for generating the tokenizers. Oliver Specht: 41 years old, married, two kids; Masters degree of computer science, Technical University Dresden; Working on StarOffice since 1995; Tech lead StarOffice Writer at Sun Microsystems, Inc.; Project lead of the UI project on OpenOffice.org Fridrich Strba is a Christian male, married to the most beautiful woman in the known universe and having two wonderful children. Having obtained Master's degrees in Computer Science and also in International Relations, he is a Software Engineer at Novell, Inc. working on OpenOffice.org. In the evenings, he becomes TrainedMonkey and randomly types on the keyboard. The result of this evening activity is a highly optimized code that you can find inter alia inside libwpd, libwpg and libwps.

Effective Graphic User Interfaces in StarBasic

Track: Development *Type:* Presentation *Audience:* StarBasic developers

Abstract: Dialog windows are often used in office automation projects. Well designed and professionally built dialogs will increase the worth of your projects, while, on the contrary, dialogs with a poor design and inconsistent behaviour will discourage users, even if your project is really outstanding. The goal of this presentation is to share my personal experience in designing and programming UNO dialogs, using at the best the available controls or customizing them when they don't fit my needs. At the end of the presentation my new BasicAddonBuilder extension will be introduced. This extension brings the user through a wizard-driven step-by-step creation process of a UNO package from a StarBasic library, including the definition of customized toolbars and menus that are deployed within the created UNO package. This is also a good example of the discussed programming techniques. Outline: - Introduction: UNO dialogs and controls - The Gimmicks library - The Tools library - The Wizard paradigm - Using the Roadmap control - Extending AWT controls with StarBasic - In the beginning was The Frame - Extending controls: The Scrollable View - Extending controls: The Rich; List View

Presenter: Paolo Mantovani (,) *Biography:* Paolo Mantovani, is a free-lancer in the field of electrical plants and industrial automation. From 2004 he has been a consultant of Yacme (Bologna) for OpenOffice.org macros and automation in many large migration projects. He's Member of PLIO (the OpenOffice.org Italian language project) and contributor in the Code-Snippet base project.

General Stream

NLP - A sustainability path to OpenOffice.org

Track: General *Type:* Case Study *Audience:* Native-language communities, government

Abstract: One of the problems that appears during the existence of FOSS projects is the maintenance of the sustainability of themselves. The assumption that project will always sustain itself, independently of the participation of governments, corporations and users is out of question, but a point remains: know if the development will be active, desired and deserved, with the structural and financial independence, for projects like OpenOffice.org. Projects like this are strategic in questions like innovation and technology fixation, fighting against foreign exchange and resources evasion, against digital exclusion, showing a real path to country growing, specially of sub-developed and under-development countries, and on this point, the local communities has a fundamental role that could and must be accomplished in order to maintain the central project. The support of local communities need to be rethought, turning them wider, not being limited to localization or syndication, but instead, helping to improve the ecosystem made by community, market and development, making the project sustainable and independent as a whole. This way, local communities need to put themselves in a new level, taking a position of opinion makers, collecting resources and financing developers to create code in their respective countries by various actions formalized through a NGO. In Brazil, actions like partnerships, agreements and resource collecting, are some of the activities developed to achieve these goals, and most of them are doable with the communities in almost all countries, sustaining the OpenOffice.org ecosystem. Sharing these actions and activities is the objective of this work.

Presenter: Claudio Ferreira Filho (lead of NLP and L10N pt-BR, and MarCon of Brazil, BrOffice.org / br-pt.openoffice.org) *Biography:* Graduate in Information System, work with IT since 1988, and with Linux since 1994. In opensource world, initiated in 2001 with localization of OpenOffice.org for Brazilian Portuguese, and created the Brazilian communities of Mozilla and PostgreSQL. Today, work into Mato Grosso's State Treasury Department

Recito: An Open Source Graphical IDE for Automatic Document and DataFlow Manipulation

Track: Enterprises *Type:* Case Study *Audience:* Enterprise, PA, Developers

Abstract: One of the most common business processes inside an enterprise application, is managing and delivering reports (i.e. orders, invoices, statistics, etc). These processes usually require domain-specific expertise which seldom matches with J2EE/.NET knowledge. Moreover rarely J2EE/.NET experts are skilled to code programs to generate report automatically with Microsoft Office or OpenOffice.org. Based on Berkeley University's Ptolemy II engine, Recito implements actor-oriented programming platform which allows, by means of a powerful and easy graphical development environment, to design and execute hierarchical and complex block-diagram models. An actors library, wrapping OpenOffice.org API functionalities, managing database connections and manipulating XML dataflows, has been developed. Such actors allow to compose actors together in order to create document and dataflow manipulation models. OpenOffice.org actors cover Writer and Calc fine-grain functionalities, so that each actor covers a single OpenOffice.org feature. Moreover an Axis-based deploy engine has been developed in order to encapsulate such models into web services. The result is to provide a graphical IDE for a user friendly dataflow manipulation and report programming which can be used in enterprise applications. Recito is an Open Source, multi-platform, Java-based application and includes three components: - Recito Designer based on Eclipse RCP technology, the GUI to realize and simulate actor oriented models. NOA plugin allows to create programs and visualize results (ODF Documents) in the same environment. - Recito Core operative layer based on PtolemyII engine. - Recito Server to deploy and expose actor-oriented programs through a web service interface.

Presenter: Davide Dozza (Technical director / Italian native-lang project maintainer, SP-Process SPA / IT Native-Lang Project) *Biography:* In 2005 Davide Dozza joined SP-Process S.p.A. a firm focused on Open Source software development and consulting as technical director. He received the PhD in 2000 with ST Microelectronics working on fast prototyping methodologies. He is working in Open Source companies since 2000. In 2001 he join OpenOffice.org Italian Native-Lang project of which he is currently the maintainer. Since 2007 if president of PLIO, the no-profit italian association support OpenOffice.org in Italy.

Thunderbird/Lightning PIM, the missing Office piece

Track: General *Type:* Presentation *Audience:* All, general interest

Abstract: This session presents the current status and efforts of Sun's OpenOffice team contributing to the Mozilla Calendar project. A good calendar client is still the key missing piece towards a full

OpenSource Office migration. Lightning, an integrated calendar for Thunderbird, seems to be the most promising solution. The presentation will cover the basic architecture and techniques, but focus on the current status of the project (including a demo). Moreover, it provides an outlook what's to come (roadmap).

Presenter: Daniel Bozle (Engineer, Project Lead of Mozilla Calendar, Sun Microsystems) *Biography:* I am a long-term OpenOffice developer of Sun, Hamburg, and initial developer of UNO.

Open Source Project Management

Track: General *Type:* Presentation *Audience:* OpenOffice users

Abstract: There are terrific open source alternatives to Word, Excel and Powerpoint. Microsoft notes that 7% of all Office users are also Project users. Microsoft Project is included in the Office family. What are the opportunities for OpenOffice users with an equivalent open source solution? This session will discuss.

Presenter: Marc O'Brien (CEO, Projity) *Biography:* I have been working in the project management software industry since the Mainframe/DOS era. I was the head of Sales & Marketing for a PM company that won InfoWorld's "Product of the Year". I was the founder of WebProject the first web-based project management company and recently co-founded Projity. Project-ON-Demand is a complete replacement of Microsoft Project. I also sit on a number of corporate, University and non-profit boards.

Why are you doing this to me?!? (Migration tips)

Track: General *Type:* Case Study *Audience:* Enterprises, PA

Abstract: Last May a British colleague of mine, who has lived in Sweden for more than 10 years now, told me that, in the first place, in migrations you must explain the reasons and give some figures to the management and to the tech guys so that the 'Why are doing this?' question may be answered. Yet in his experience, when it comes to the common user, the question you're more likely to face is 'Why are doing this to me?!?'. In fact the management and tech guys more keen on acronyms: ROI, TCO the first, ODF, PDF the latter. On the contrary, common users are absolutely afraid of changing the way they have been doing things ever since they had a computer. The most frightening fears are graphical interface/function changes, handling document exchange with third parties and the perception of not being as skilled as before in this new environment. We have had some experience in OpenOffice.org migrations so far, what I would like to do with this presentation is to share some of our tips & tricks, which can help you to play that match. We will talk about what you should do before you start deploying OpenOffice.org, what you should take into account and take care of, how you should re-create a comfortable environment for users and also about what amazing Openoffice.org can do itself to let users sleep tight.

Presenter: Maurizio Berti (YACME S.r.l.) *Biography:* Maurizio Berti has been a partner of Yacme company of Bologna since September 2000. He's the director of Yacme's OpenOffice.org and Open Source migration division and is mainly involved in migration processes management and training.

Proceeding the TrainedMonkey way - How to become (and remain) OpenOffice.org developer

Track: General *Type:* Presentation *Audience:* Prospective developers, not necessarily first class coders

Abstract: A vibrant developer community is an sine-qua-non condition for a long-term viability of any FOSS project. In this talk, I would like to follow up my last-year motivational TrainedMonkey speech and put in practice its message about marketing the project rather than marketing the product as such. In this talk, I show prospective developers the domain where they could make difference. Point out possible low hanging fruits that could help them to feel the sweetness of being OpenOffice.org developer. I would also like to walk the auditors through the processes and typical workflow of an external contributor to OpenOffice.org as well as through possible alternative workflows. Note: there will be an opportunity to explore issues raised in this talk in the following workshop "Marketing to Developers".

Presenter: Fridrich Strba (Software Engineer / Maintainer of WordPerfect import filter, Novell Inc.) *Biography:* Christian male, husband of a wonderful wife and wife and father of two equally wonderful children. Before being employed by Novell to work on the OOXML WordprocessingML filter, I have been co-author and maintainer of the WordPerfect import filter inside OpenOffice.org for a couple of years. I am also quite a vocal community member :-)

Workshops

What needs to be done after a GUI test - How to get a valuable result from the VCL TestTool application

Track: Other: Development - QA *Type:* Workshop *Audience:* Tester

Abstract: After running a GUI test with the VCL TestTool Application, the result needs to get evaluated. Step by step hands on session: * What is a good result? * Differences between Errorlog, Warnlog, QAErrorlog * How to analyze a bad result?

Presenter: Joerg Sievers, Helge Delfs (Helge Delfs: OpenOffice.org Team Lead Automation, Sun Microsystems Inc.) *Biography:* Joerg Sievers, finished industrial training as specialist and some university courses in food technology. Installed, supported and coached TurboMedÆ medical practice software. Working since 1998 for the StarOffice® quality assurance department in Hamburg. Solaris® system administrator and ISTQBÆ Certified Tester, Foundation Level. After finishing a job training as a toolmaker Helge Delfs worked 10 years for the QA in industry and developed programs for 3D-Coordinate-Measuring machines. He started to work as a QAE for StarOffice in 1999. Since then he develops automated GUI tests mainly for StarOffice/OpenOffice-Writer and QA-Tooling.

OpenOffice.org Calc: From 0 to Hero in 30 Minutes

Track: General *Type:* Workshop *Audience:* Newcomers to OpenOffice.org Calc and users looking for alternatives to Microsoft Excel

Abstract: A crash course in OpenOffice.org Calc designed to help the participants learn the basics of the OpenOffice.org spreadsheet module. 1. Working with worksheets 2. Entering data 3. Formatting data 4. Using charts 5. Working with formulas 6. Good worksheet design style Participants in this course are expected to bring their own laptops and have the latest version of OpenOffice.org running on the operating system of their choice. All participants will receive free study materials (books & CDs) for their personal use. Class size limited to 50 students or less.

Presenter: Jacek Artymiak (Director, devGuide.net) *Biography:* Jacek Artymiak is a freelance author, consultant, and trainer. He co-wrote one of the first books on StarOffice for Linux, the predecessor of OpenOffice.org back in 1999. He recently published a new book on OpenOffice.org Calc, "In Business with OpenOffice.org Calc"

Debugging OpenOffice.org Mac OS X with gdb, emacs and xcode

Track: Development *Type:* Workshop *Audience:* Developers

Abstract: Hands on techniques for debugging OpenOffice.org with Apple XCode or Emacs using gdb, emphasizing techniques specific to the OpenOffice.org code base, such as displaying strings and soft linking libraries built with debugging support.

Presenter: Michael Sicotte (Developer with mac aqua port,) *Biography:*

Marketing to Developers

Track: General *Type:* Workshop *Audience:* Developers and marketers

Abstract: The Marketing Project has traditionally focussed on marketing the OpenOffice.org office suite. However, it also has a responsibility to attract contributors - particularly developers. Developers: why do you work on OOo? what got you started? what are the highs and lows of OpenOffice.org development? Following on from the preceding Conference session "Proceeding the TrainedMonkey way", this workshop provides an opportunity for discussion and debate - not a presentation.

Presenter: John McCreesh (Project Lead, Marketing Project) *Biography:* John McCreesh had spent a lifetime in commercial IT before discovering open source during the dot-com boom. After dabbling in coding, John realized he could do less damage to his pet open source projects by publicizing them rather than hacking them. His interests have ranged over projects as diverse as qvwm, php, Rails, LTSP, Ubuntu, WordPress and of course OpenOffice.org, where was co-Lead of the Marketing Project for two years before becoming Lead in May 2006. John's support for open-source ties in with his other non-IT interests such as sustainability and fair economic systems.

Friday 21st September

Timetable

	Development	General	ODF / XML	Native Languages
08:00-08:45	Buildbot: Bigger, Better, Buildier	ODF Impact on Industry and Governments	Toolkit, Toolkit, wanna come out and play?	Galician Experience with OpenOffice.org
09:00-09:45	Child workspaces and the OOo SCM system	Reliable interoperation between OpenOffice & MS office by UOML	The OpenOffice.org ODF Toolkit Project	OpenOffice.org in the Catalan speaking world
10:00-10:45	git: the Source Code Manager for OOo?	Office OpenXML: a technical approach for OOo.	ODF Toolkit with .NET Support	Migrations in Japan
<i>Break</i>				
11:15-12:00	Quality assurance in OOo	DataPilot in Calc	UNO based ODF Toolkit API	Migration facts of OpenOffice.org in developing countries (Small to Medium-sized)
12:15-13:00	OpenOffice++: Improving the Quality of Open Source Software	Improved VBA support	Processing OpenDocument Format	The adoption of ODF in the South African public sector
<i>Lunch Break</i>				
14:30-15:15	FastForward - a framework for spreadsheet web services	Doc.next - The Future of the Documentation Project	An RDF Metadata Model for OpenDocument Format 1.2	Chinese Minority Language Support in OpenOffice.org

Development Stream

Buildbot: Bigger, Better, Buildier

Track: Development *Type:* Presentation *Audience:* Developers

Abstract: In this talk we will give a brief introduction the OpenOffice.org buildbot as well as discuss and demonstrate several exciting new features. Buildbot is a system similar in purpose to tinderbox for the automatic generation of builds on multiple platforms. However, buildbot very flexible and we have bent it into new shapes for OpenOffice.org. Our improvements scratch several old itches such as change-triggered builds, easier client-side config, and ready-for-qa triggered install-set generation. We have also added several exciting new features such as the "try" facility, which allows a developer to build from just a patch. Additionally, we will demonstrate the new arbitrary data regression system, which enables the regression testing and tracking of nearly any kind of data. This system is quite powerful because it allows one to track based on groupings such as a cws vs the milestone is based off or the relative memory performance per arch relative to the milestone, etc.

Presenter: Michael Leibowitz & Shaun McDonald (,Intel/Independent) *Biography:* Michael Leibowitz works for the Intel Corporation as a software engineer. He currently creates custom tooling to support Channel Software Engineering. Prior to that, he was a full-time openoffice.org contributor working on performance and more nebulous developer community issues. He is the founder of the openoffice.org wiki as well as the maintainer of the openoffice.org buildbot. -- Shaun McDonald has been working in the OpenOffice.org community for the past 2 years. He has been mostly interested in the Mac Port of OpenOffice.org. He has taken on the Mac Porting Web site revamp, some QA work, and is the owner of the first Mac buildbot. Shaun is just completing his fourth and final year in Computer Science at Heriot-Watt University in Edinburgh, Scotland.

Child workspaces and the OpenOffice.org SCM system

Track: Development *Type:* Presentation *Audience:* Developers

Abstract: This session discusses changes to the OpenOffice.org child workspace development process due to a change of the OpenOffice.org Source Control Management (SCM) system.

Presenter: Jens-Heiner Rehtien (Software Engineer / OpenOffice.org Release Engineer, Sun Microsystems, Inc.) *Biography:* I'm working for more than 10 years now on OpenOffice.org/StarOffice, currently as the technical lead for StarOffice release engineering. Before this I graduated in physics and worked as independent software developer.

git: the Source Code Manager for OOo?

Track: Development *Type:* Presentation *Audience:* Developers

Abstract: CVS is old, and it does not suite the OpenOffice.org development for quite some time. There is a lot of discussions what to use next. Subversion? Is it really an improvement over CVS considering the OpenOffice.org development cycle? And what about git? I am convinced that git is the right choice, that it has everything what CWS tooling provides these days, and a lot more. git is fast and efficient in branching, merging and resyncing, which are the operations that are essential in the OpenOffice.org development cycle. git is fast evolving, so if you miss a feature today, it might be introduced tomorrow; and still the fileformat does not change, the repositories are compatible from the first release of git. This talk will introduce git as a source code manager, it's application for OpenOffice.org, and the operations you might need. I will show a live OpenOffice.org git tree and the speed of the operations on that. I will also discuss the gains for the projects like ooo-build for which the upstreaming would become a very easy operation.

Presenter: Jan Holesovsky (,SUSE/Novell) *Biography:* 30 years old, married, programmer ;-) Jan is with OpenOffice.org since 2003, employed by SUSE/Novell. Previously he graduated from the Charles University (2003), worked as a YaST2 developer (1999-2002, also SUSE), and programmed the drawing part of KTTV, a Linux word processor and a vector drawing program for lecture notes (1998-9). In OpenOffice.org, he focuses on KDE integration (<http://kde.openoffice.org/index.html>), x86-64 porting, etc.

Quality assurance in OOo

Track: Development *Type:* Presentation *Audience:* all

Abstract: First,Aimed at weakness QA in community development model,disscuss about how to unite professional team through providing complete and system QA for the product of OpenOffice.org to make it to be more mature.Second,compare the difference of ODF and UOF,discuss about how to merge the two standard and in the process,what QA can be act as.

Presenter: Tengxiang Xie (vice Director,Beijing Software Testing Center) *Biography:* Vice director of Beijing Software Testing Center(NAST),have more than eleven years of development and testing experience,now lead a professional team focus on open source software's quality assurance.

OpenOffice++: Improving the Quality of Open Source Software

Track: Development *Type:* Presentation *Audience:* Developers, quality managers, testers.

Abstract: The Department of Software Engineering at the University of Szeged, MultiRacio Ltd. and FrontEndART Ltd. recently accomplished a large project for analyzing, improving and monitoring the quality of OpenOffice.org source code. The project was 26 months long and had a volume of 0.54 million Euros (supported with 0.4 million Euros by the European Union). We developed technologies and tools for measuring the quality of the source code. The applied methods included the automatic analysis of the source code and the extraction of information from which we calculated standard metrics like cohesion and coupling. Our tools scanned the source code of OpenOffice.org releases and stored the measured values in an SQL database. The results can be accessed and queried through a web-based interface. Using the extracted information our tools also audited the code to detect bugs and identify design problems in the code. The problematic code fragments were refactored by the developers of MultiRacio Ltd. to obtain better quality code and the resulting patches were contributed back to the OpenOffice.org community. The source code of OpenOffice.org will be scanned regularly also in the future (<http://www.frontendart.com/ooomo.php>). It is also possible to apply this quality assessment and monitoring system to other projects developed in C/C++/C#/Java languages. The web site of the project contains more details about the results (<http://oopp.multiracio.com/>).

Presenter: Rudolf Ferenc, Arpád Beszédes and Tibor Gyimothy (CEO, Head of the Department,University of Szeged, Hungary; FrontEndART Ltd., Hungary) *Biography:* Dr. Rudolf Ferenc received his PhD in the topic of modeling and reverse engineering C++ source code. His chosen field of research is source code analysis, modeling, measurement and design pattern recognition. He is also interested in software

quality assurance and open source software development. He was member of the Program Committee and Tools Co-Chair of the ICSM 2005 conference. Dr. irpád Beszédes received his PhD in the topic of analyzing and slicing C++ source code. His chosen field of research is static and dynamic program analysis and program slicing. He is also interested in compilers and code compression/compaction. Dr. Tibor GyimÚthy is the head of the Software Engineering Department at the University of Szeged in Hungary. His research interests include program comprehension, slicing, reverse engineering and compiler optimization. He has published over 60 papers in these areas and was the leader of several software engineering R&D projects. He was the Program Co-Chair of the IEEE 21th International Conference on Software Maintenance (ICSM 2005).

FastForward - a framework for spreadsheet web services

Track: Development *Type:* Presentation *Audience:* Developers

Abstract: The FastForward framework allows fast development of 3-tier spreadsheet applications accessing any sort of data stored on a server. The spreadsheet is used as a browser, which can send and receive data using HTTP POST request. The request and response data can be edited in a common way in the spreadsheet. Which data is sent to the server and how the response is mapped back to the spreadsheet, is described by tags. The project implements a spreadsheet add-on and data manipulation library for the server site.

Presenter: Jerzy Wachowiak (,) *Biography:*

General Stream

ODF Impact on Industry and Governments

Track: General *Type:* Panel Discussion *Audience:* Business, governmental and technical individuals

Abstract: Panel discussion focused on the impact of the ODF standard and multiple supporting implementations within the I/T industry and governments worldwide.

Presenter: Donald Harbison (Program Director, ODF Initiative, IBM) *Biography:* Co-Chair OASIS ODF Adoption TC and Program Director, ODF Initiative IBM.

Reliable interoperation between OpenOffice & MS office by UOML

Track: General *Type:* Presentation *Audience:* OpenOffice providers; Open Office customer and potential customer; Enterprise information leader; Open Office propellent; Government policy maker; System integrator and software vendor.

Abstract: This presentation brings a concept/standard/tool of realizing the interoperation between OpenOffice and MS office by UOML. Main points as following: a. Interoperation problem blocks Open Office b. Shortcoming of current solutions c. An effective and reliable interoperation way d. brief introduction of UOML (Unstructured Operation Markup Language) e. Implement interoperation by UOML d. Benifits and value

Presenter: Alex Wang (chairman and CEO of Sursen, chair of OASIS UOML TC,) *Biography:* Alex Wang, Professor, 37 years old, chairman of Sursen Corp., chair of OASIS UOML TC, chair of China Docbase standard committee, and he is also awarded the top ten entrepreneur of China's software industry. Alex focuses on document related technology for 17 years. He found SEP technology, which is more popular than PDF in China. The UOML standard initialed by him is the "SQL" for unstructured document, provides the best way for document interoperation. As Chief Architect of UOML, Alex knows how to share knowledge out of the limitation of different kinds of format.

Office OpenXML: a technical approach for OpenOffice.org.

Track: General *Type:* Presentation *Audience:* Users and Developers

Abstract: OpenOffice.org will support importing Microsoft Office 2007 OpenXML documents. But implementing the 6000+ pages specification is not without challenges. More than ever, OpenOffice.org must take the lead in interoperability and provide support for the format to allow migrating from Microsoft Office to OpenOffice.org. This will happen even before Microsoft Office for Macintosh does it. Novell has taken the Microsoft-sponsored open source ODF to OpenXML converter; a converter that they inverted and released with their version of OpenOffice to provide support in Writer. This is a temporary solution - as the whole spectrum of converters is being worked on - to import and export from Writer, Impress, Draw and Calc. This is the Sun & Novell joint endeavour, currently ongoing in both the 'oox' module and the writer filter rewrite. I will review the difficulties faced to implement perfect

conversion from Office Open XML to OpenDocument and vice-versa. I will also give an overview of the technical choices made and the new infrastructure provided as part of the OpenOffice.org API to parse these files. And I will finish with the state of the filters as they are in the current milestones.

Presenter: Hubert Figuiere (Software Engineer,Novell) *Biography:* When not working on OpenOffice.org within the Novell team, Hubert Figuiere works on other free- software technologies with a bias towards digital photography related tools. Hubert's first contribution to office oriented free software was fixing the RTF importer and exporter in AbiWord to be able to re-read his resume that was made in StarOffice 4.0.

DataPilot in Calc

Track: General *Type:* Presentation *Audience:* Advanced users as well as component developers

Abstract: This session will highlight one of Calc's lesser-known features, the DataPilot. Similar to Excel's PivotTable feature, it's a useful tool to summarize and analyze tabular data. I will give a short overview of the feature, show the DataPilotSource API which allows a UNO component to supply its own results into the DataPilot user interface, talk about recent improvements like the GETPIVOTDATA function, and give an outlook on future development.

Presenter: Niklas Nebel (Spreadsheet Project Lead,Sun Microsystems) *Biography:* Niklas Nebel has been involved in the development of StarOffice Calc since 1994 and has been project lead of the spreadsheet project since the start of OpenOffice.org.

Improved VBA support

Track: General *Type:* Presentation *Audience:* General

Abstract: Last year at OOCon we hinted at greater co-operation between Novell & Sun with respect to the VBA Interoperability incubator project. Things have moved forward and this year we'd like to do a presentation updating the community or where we are now. We'd like to talk about the interoperability project and whats happened since last year, the recent announcement of collaboration between Sun and Novell, the rational behind that decision. We'd like to talk about what that means for the project, how it's changed the direction, architecture, structure and implementation or the original solution. We'd like also to give an update as to what currently is supported, whats coming next, what are problem areas and do some demos. We'd also like to talk about how YOU can help.

Presenter: Noel Power, Andreas Breagas (,Novel/Sun/vba.openoffice.org) *Biography:* Noel Power: Working as part of Novell's Openoffice developement team. Responsible for improving VBA interoperability by enabling Excel macros to run natively within Openoffice. Prior to joining Novell worked as a Software developer with Sun, Lucent Technologies, Iona, Siemens, IBM, Hewlett Packard & Motorola. Andreas Bregas: Working as part of Sun Microsystems' OpenOffice/StarOffice developement team. Responsible for OpenOffice.org Basic, OpenOffice.org Basic IDE / Dialog Editor.

Doc.next - The Future of the Documentation Project

Track: General *Type:* Presentation *Audience:* Writers, developers

Abstract: We will report on the current status of the documentation project and outline trends, opportunities, and challenges for the upcoming year. A focus will be put on how to increase participation in the project and how to consolidate documentation efforts across OpenOffice.org.

Presenter: Frank Peters and Clayton Cornell (Documentation Project Co-Lead,Sun Microsystems) *Biography:*

ODF / XML Stream

Toolkit, Toolkit, wanna come out and play?

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* Developers etc.

Abstract: odftoolkit.openoffice.org is all about leveraging existing OpenOffice.org technology to produce a chest of lightweight tools that let you do about everything related to ODF document handling. And odftoolkit is hot. That's one good reason to sit down and re-think how OpenOffice.org is built, assembled, shipped, and installed. It should be much easier than it is today to take just those parts of OpenOffice.org that are relevant for a task, combine them with whatever else is missing, and deliver your cool ODF tool to the waiting world. The OpenOffice.org monolith is not quite there, yet. And there are more good reasons: faster builds, less quality control effort, smaller downloads, you name it. I will

show you where this endeavor has brought us thus far, and where we are heading next. OpenOffice.org on the whole should definitely benefit from this streamlining. Get into shape, fatty!

Presenter: Stephan Bergmann (Sun Microsystems) *Biography:* Working on the beast for a decade now, as a member of the StarOffice/OpenOffice.org development team at Sun Hamburg. And regularly enjoying presenting new findings at OOoCon.

The OpenOffice.org ODF Toolkit Project

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* Developers

Abstract: This presentation provides an overview of the OpenOffice.org Toolkit project. It is divided into two parts. The first part starts with an explanation of what an ODF toolkit is in general, and what the relation of an ODF toolkit is to ODF on the one hand, and to office desktop applications on the other hand. It continues with an overview of the OpenOffice.org Toolkit project itself, and its purpose. The second part of the presentations explains the technical details of the ODF Toolkit project. It provides an overview of the components and sub tasks of the project, and explains what the technical relation of the ODF Toolkit project to the OpenOffice.org productivity suite is. The presentation closes with an overview of what has been achieved since the project start in January 2007.

Presenter: Michael Brauer (Technical Architect Software Engineering, Sun Microsystems) *Biography:* Michael Brauer is a Technical Architect in the StarOffice/OpenOffice.org development team at Sun Microsystems, Inc., focusing on XML technologies. He is also the chair of the OASIS Open Document Format for Office Applications (OpenDocument) Technical Committee. He joined the StarOffice/OpenOffice.org development team in 1995, and is the lead of the OpenOffice.org XML Project that developed the OpenOffice.org XML file format since its formation in 2000. He is also a co-lead of the OpenOffice.org ODF Toolkit project.

ODF Toolkit with .NET Support

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* Developers

Abstract: AODL is the .NET module of the ODF Toolkit. The .NET library is written in C# and will give developers the opportunity to extend their .NET based software to handle documents in the OpenDocument Format. Main focus of AODL is to offer ODF manipulation capabilities for developers without deep experience in the OO.o API.

Presenter: Lars Behrmann (Software Engineer, Sun Microsystems, Inc) *Biography:* Lars Behrmann is a Software Engineer in the StarOffice/OpenOffice.org development team at Sun Microsystems, Inc. focusing on XML technologies and he's the lead of the AODL project.

UNO based ODF Toolkit API

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* Developer

Abstract: The session will explain what is meant with an UNO based ODF Toolkit API and where we see the advantages of such an UNO based toolkit. Identified ODF Toolkit use-cases are analyzed in consideration of the existing office API to reuse as much as possible of the existing code base. Potential missing API's are identified as well as improvements or even replacements of existing API's are suggested. Improvements will be suggested with focus on more intuitive and simpler API's where the UNO ease of use features will play a central role.

Presenter: Juergen Schmidt (Software Engineer, Sun Microsystems) *Biography:* Juergen Schmidt is working for Sun Microsystems in the StarOffice group for 10 years. He was deeply involved in the development of the UNO component model which is the foundation for the OpenOffice.org/StarOffice API. The OpenOffice.org community is one aspect of his daily work. He is involved in the OpenOffice.org project since the beginning, he is the project lead of the OpenOffice.org API project and the co-lead of the Extensions and ODF Toolkit project. His main goal is to spread the knowledge around the programmability features of OpenOffice.org around the world and to show that it is more than only an office productivity suite.

Processing OpenDocument Format

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* Developers

Abstract: OpenDocument Format (ODF) is an open XML based file format for office productivity applications. The specification of which is maintained by the OASIS OpenDocument Technical Committee. The OASIS membership has recently ratified revision 1.1 of the specification and revision 1.0 is also available as an ISO/IEC standard. The open nature of the ODF specification has spurred

adoption of the format by multiple applications. Furthermore, ODF is well suited for being processed outside of end-user applications. This paper explains the basic structure of ODF and how standard XML processing tools can be used to create applications beyond the scope of traditional office productivity applications.

Presenter: Lars Oppermann (Software Engineer, Sun Microsystems) *Biography:* Lars Oppermann is a Software Engineer in the StarOffice/OpenOffice.org development team at Sun Microsystems, Inc., focusing on XML technologies. He is also the secretary of the OASIS Open Document Format for Office Applications (OpenDocument) Technical Committee. He is also the lead of the ODF4J project which is part of the OpenOffice.org ODF Toolkit project.

An RDF Metadata Model for OpenDocument Format 1.2

Track: XML & OASIS OpenDocument Format *Type:* Presentation *Audience:* Users, information managers and developers who want a peek at the future!

Abstract: OpenDocument Format 1.2 will feature a new, RDF-based metadata model. Metadata is simply data about data. RDF-based metadata leverages all the work done for the Semantic Web onto ODF applications and documents. The enhancement of ODF metadata with the RDF model will:

- * Enable enrichment of content in ODF based documents
- * Enable seamless integration with other RDF-based metadata
- * Enable ODF documents to work with semantically "aware" applications
- * Provide a foundation for the next generation of ODF plugins

Support for RDF-based metadata is expected in OpenOffice 3.0! Component developers and users can catch a peek at the future! This presentation provides a technical introduction into the RDF-based metadata model. Examples of the future made possible for OpenOffice.org components will be covered.

Presenter: Svante Schubert (Sun Microsystems Inc.) *Biography:* Svante Schubert works for Sun Microsystems and has been full-time developer for OpenOffice.org since its foundation. He is co-lead of the 'XML project' on OpenOffice.org and the co-editor of the Metadata Model specification of the OpenDocument Format 1.2.

Native Languages Stream

Galician Experience with OpenOffice.org

Track: Native Languages *Type:* Presentation *Audience:* General audience, public administrations and education.

Abstract: Our paper is about Free Software Galician Initiative promoted by regional government of Galicia and our experience translating (including help) and promoting OpenOffice.org. More than 45.000 people acceded to OpenOffice.org through our portal (<http://www.mancomun.org>). Our version includes a Spellchecker and a Grammmarchecker and improvements in Hunspell.

Presenter: Francisco Javier Rial Rodríguez (Co-leader of gl.openoffice.org (Galician Community of Ooo, Supercomputing Center of Galicia) *Biography:* F.J. Rial is Informatic Systems Technician of Supercomputing Center of Galicia (<http://www.cesga.es>) since 2004. He's Galician OpenOffice.org Community Coleader and Galician Mozdev (galician.mozdev.org/) coordinator.

OpenOffice.org in the Catalan speaking world

Track: General *Type:* Case Study *Audience:* General, Translators,

Abstract: The Catalan Translation team is one of oldest and most successful native language teams. Over seven years, this small band of enthusiasts have distributed over 2 million copies of OpenOffice.org in Catalan to the estimated 10 million Catalan speakers worldwide. In this session, we will try to explain the reason of that success.

Presenter: Jes` s Corrius Llavina (Catalan Native Lang Project Leader, Native Lang Project) *Biography:* Born near Barcelona in 1979. Jes` s Corrius holds a degree in Computer Science and another one Audiovisual Communication and Cinema. He's a professional C++ software developer who works for Infojobs International. Member of Softcatal` and Catalan Native Lang Project Leader.

Migrations in Japan

Track: Native Languages *Type:* Case Study *Audience:* People who use Asian versions, are interested in migration and User Experience

Abstract: Migration to OpenOffice.org has just started in Japan. It is several years behind Europe. The reason of the delay comes from several aspects, especially functionalities that inadequately meet Japanese user's requirements. >From the three different migration cases we helped, we will try to shed some light on the reason. - A town office that migrates to Linux PC. - A company that migrates to OpenOffice.org running on Windows PC - A town office that migrates to StarSuite on SunRay and OpenOffice.org on Windows servers. Additionally, the movement of the Japanese government towards open source software and open standard should be mentioned. The Ministry of Internal Affairs and Communication (MIC) has heard public comments on the new guideline of procurement. The Ministry of Economy, Trade and Industry (METI) has been promoting OSS. As one of its activities, the Seagull Research Team 2006 studied Japanese user's requests to OpenOffice.org and delivered them to core development team in Hamburg, Germany. This session will share information on migration with people from other countries and areas that are in the similar situation.

Presenter: Yutaka Kachi, Takamichi Akiyama (,OSRI: Open Source Research Institute, Inc.) *Biography:* Yutaka Kachi, aka catch, is working as a planner, researcher, and document writer at Open Source Research Institute, Inc. in Japan. He published many guidebooks for Japanese users of from OpenOffice.org to desktop application software. In the OpenOffice.org community, he is helping users and writing documentations. Takamichi Akiyama, aka Tora, is self employed promoting IT solutions with OpenOffice.org and StarSuite - Asian product name of StarOffice. He worked for Sun Microsystems in Japan from 1999 to 2003 accomplishing 118n and 110n efforts on OpenOffice.org 1.0 and StarSuite 6 development with a team of colleagues in Hamburg, California, China, and Korea.

Migration facts of OpenOffice.org in developing countries (Small to Medium-sized Enterprise)

Track: Enterprises *Type:* Case Study *Audience:* Anybody who are engaged in advocacy or want to promote the OpenOffice.org or FOSS in general.

Abstract: Migration to any FOSS based infrastructure in SME sector is challenging for any developing country. Like any other FOSS application, OpenOffice.org facing challenge to converge the existing proprietary solution to the OpenOffice.org solution. Lacks of promotions, training facilities, expertise peoples are some common impediments to spread the usage of OpenOffice.org in the developing countries. This talk will provide some effective strategies that have been taken to overcome this barriers in Bangladesh within a group of SME sectors which are applicable to the any developing nation to gear up the word of OpenOffice.org in their IT force.

Presenter: Mohammad Anwarul Mamun (Hresident, The OSS Movement,) *Biography:* I am working with the Open Source Softwares since last 10 years and helping our community to promote FOSS. I started my career with Access Telecom (BD) Ltd. on 1999 as a System Administrator that is an Internet Service Provider. After that I joined with BDnest Solutions Ltd. as CTO which main business arena is to develop low cost softwares for NGOs/SMEs using open source technologies. At present, bearing the responsibilities as Head of Information Technology at Dhaka Broadband Network Ltd (ISP) and lead the development of a web based bandwidth management system using HTB. Apart from this, working with the OSS Movement as president which aims to be a hub of FOSS Movement in Bangladesh.

The adoption of ODF in the South African public sector

Track: Enterprises *Type:* Presentation *Audience:* Orhanisational managers considering OSS adoption

Abstract: As part of a government drive towards technology accessibility and inclusivity for all in South Africa, the CSIR (Council for Scientific and Industrial Research) initiated a project to migrate the organisation to only use Open Source Software. The first phase of this project included the development of a customised, Linux-based CSIR desktop as well as a adoption of ODF (open document format) as document standard within the organisation of approximately 2000 employees. The experience of the CSIR with regards to the adoption of ODF as standard within the organisation is discussed in this presentation. In addition, this presentation contains a motivation for, as well as a discussion on, the aspects to consider with the adoption of ODF as document standard, specifically with regards to the South African public sector.

Presenter: Aurna Gerber (Senior researcher,Meraka Institute, CSIR, South Africa) *Biography:* Aurna Gerber is a senior researcher in the Meraka Institute of the CSIR. She obtained a Masters degree in engineering in 1992, and after several years in the private sector doing extensive development and project management, she moved to research and completed her PhD on the Smenatic Web.

Chinese Minority Language Support in OpenOffice.org

Track: Native Languages *Type:* Case Study *Audience:* the people who are interested in technology supporting native languages in OOo

Abstract: In this session, the complete localization process of three Chinese minority languages - Mongolian, Tibetan and Uighur, in OpenOffice.org is discussed. Unlike Latin and Chinese, Mongolian, Tibetan and Uighur are all so-called complex script, and they exhibit very sophisticated features during the text output process. It can not help but take some special technologies such as smart font and complex text layout engine to render these languages. In order to meet the requirement of Mongolian text layout direction, OpenOffice.org is extended to support another text direction, vertical, from top to bottom, from left to right. Backed by OpenOffice.org i18n framework, locale data for Mongolian, Tibetan and Uighur is added to the i18npool module. The Tibetan GUI translation is migrating from OpenOffice.org 1.1.x to the latest version to be submitted it to the community.

Presenter: Jia Yanmin (Assistant Researcher, Institute of Software Chinese Academy of Sciences)

Biography: Jia Yanmin is a Ph.D. in computer software and theory from Institute of Software, Chinese Academy of Sciences now. His current research interests include Chinese information processing and multilingual computing.

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