

Blueprint - Microsoft TFS Adapter

Overview

The Blueprint - Microsoft TFS Adapter integrates Blueprint with Microsoft TFS to deliver a flexible and comprehensive software lifecycle solution. Blueprint adds rich, visual requirements definition capabilities to any Microsoft TFS project. This empowers the team to collaboratively author and validate requirements for complex software application projects, and provides development and QA professionals unprecedented access to current, complete, visual requirements and automatically generated tests.

How Does it Work

Blueprint empowers requirements authors to collaboratively define all requirements including business processes diagrams, business domain diagrams, use cases, use case diagrams, user interface mockups, storyboards, generic diagrams, textual lists, actors, glossaries, and attachments all with complete and detailed traceability. Blueprint's visual simulation capability lets teams 'experience' the requirements in an interactive, visual walkthrough, to improve requirements understanding and expose issues early.

This Adapter allows all requirements information defined using Blueprint, including traceability, to be automatically populated into a user-defined location in Microsoft TFS. Complete flexibility in how fields from Blueprint are mapped to Microsoft TFS means that information appears in Microsoft TFS in the exact form needed.

In addition Blueprint automatically generates 100% of the functional test scenarios and populates them directly into Microsoft TFS, with complete traceability to requirements assets.

Solution Highlights

- Expands Microsoft TFS's requirements capabilities to include rich requirements definition and simulation
- Adds the ability to define use cases, use case diagrams, actors, domain diagrams, user interface mockups, storyboards, generic diagrams, glossaries, to a Microsoft TFS project.
- Provides automatic test case generation to populate Microsoft TFS with 100% of the functional test scenarios that validate each and every requirement

Benefits

- Eliminate the rework caused by requirements miscommunication and errors.
- Conduct elicitation, JAD, or brainstorming sessions with visual simulation.
- Improve requirements definition productivity.
- Accelerate test development through auto-test generation.

Complete, Current, Visual Requirements for Microsoft TFS Users

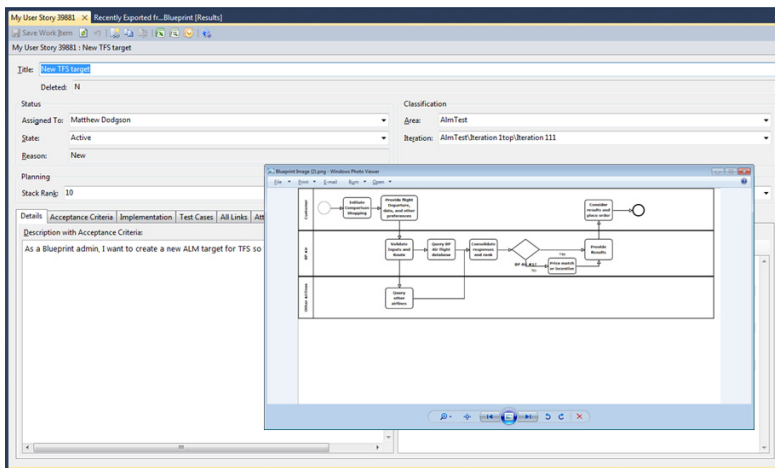
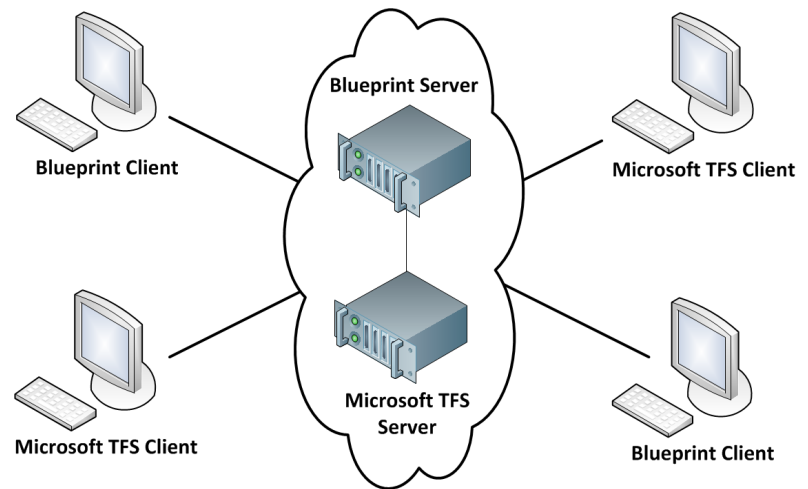
Together Blueprint and Microsoft TFS provide a seamless ALM solution with a compelling and powerful requirements authoring, validation, and collaboration capability.

Users of Microsoft TFS are able to work with requirements defined in Blueprint. This is a rich set of requirements, both textual and graphical, with complete traceability. Every requirement in Microsoft TFS has a Blueprint link that invokes the Blueprint Viewer (free license) allowing Microsoft TFS users to view the requirement in full fidelity and context.

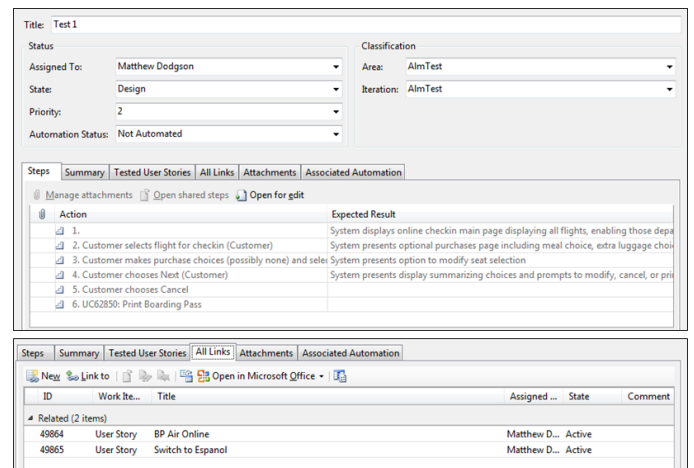
In addition, a corresponding set of functional tests generated by Blueprint are also available in Microsoft TFS, fully traced with the requirements to support coverage analysis.

System Requirements

- Versions Supported: Microsoft TFS 2010,2012
- Connectivity between Blueprint Server and Microsoft TFS Server



Blueprint Visual Requirements in Microsoft TFS



Blueprint Auto-Generated Tests in Microsoft TFS

Blueprint Worldwide Headquarters
 Blueprint Software Systems Inc.
 20 Toronto Street, 11th Floor
 Toronto, Ontario, Canada. M5C 2B8
www.blueprintsys.com

General Inquiries and Sales
info@blueprintsys.com
 647.288.0700
 1.866.979.BLUE(2583)

