WI Migrator

WI Migrator performs a migration of TFS work items environment from a Team Project to another, cross TFS collections / servers.

Great solution for migrating between two live TFS environments, including migration to the cloud.

The Problem

Organizations may have multiple instances of TFS (Collections, Servers, Cloud) and wish to consolidate into one manageable instance.

The Solution

WI Migrator **duplicates** the work items, **restores the links** between them in the consolidated target environment and **recreates the test plans** and the test suites. Work items **attachments** are copied as well. The work items can be created using **original timestamps and original creator's identity**.

Migration session **can be stopped any time and be continued later**, to the next revision, or the next work item.

If requested, WI Migrator can update work items already migrated with new revisions from source environment.

WI Migrator generates **migration status report**, excel based.

- Work items from source environment can be filtered by area/iteration/Work item Types.
- WI Migrator attempts to create them in similar area/iteration path (or using default)
- Duplication performed between work items with the same work item type name, and based on the same work item fields.
- User can choose whether to save the latest revision of work items or all revisions
- User can choose whether using bypass mode in target environment (requires admin permissions), to restore with original date and user field values.
- Test suites refer to the migrated test cases, and requirement based suites refer to the migrated requirements
- References to shared steps (in test case steps) are updated to reference the migrated shared steps.
- Hyperlinks are created to link to original work items and original changesets.
- On migration on same collection, TFS links created to original work items and original changesets.

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Built in utilities included:

- Area/iteration path copy tool.
- Pre-migration Gap Analysis to detect missing work item types / fields / allowed values.
- Shared queries copy tool.

Prerequisites –

- VS/Team Explorer 2013 update 5 or Visual Studio 2015 update 1
- OS supported by Visual Studio 2013/2015 (win 7 +)
- Reachable connection to both TFS servers/collections

TFS Servers supported

- TFS 2010/2012/2013/2015
- Visual Studio Online