

Wikibase

Upgrade Workflow

Warning: There is no Wikibase upgrade tool. This is all theoretical based on advanced user understanding of Wikibase.

Backup

- Backup Mediawiki installations, including databases and files.
- Backup Wikibase databases and files.
- Save all files with localization settings specific to your install to a safe place in case these are overwritten specific to Mediawiki, Wikibase, Query Engine and any specific extensions.
- Check extensions to see which need to be upgraded to work with newer versions of Mediawiki.

Mediawiki

- Check that update requirements can be met with server requirements. Turn off any scheduled job queues.
- Unpack upgrade files.
- Upgrade extensions that are need upgrading to work with more recent Mediawiki releases.
- Adapt your LocalSettings.php .
- Run the update script from either web browser or command line. In theory, it is possible to upgrade from any Mediawiki 1.5 to current version in one upgrade. It is not always possible, so it may require doing upgrades two or more times.
- Check everything is working, including extensions.

Extensions

- Install OAuth extension as it is required for some Wikibase addons like QuickStatements.
- Make sure UniversalLanguageSelector is installed.
- Check extensions work.

Wikibase

- Decide which options is preferable: Install overwrite or fresh install with data pump. Do contingency planning for both. Allow lots of time. Avoid panic. There is no upgrade documentation at this point.
- For install overwrite, follow directions at <https://www.mediawiki.org/wiki/Wikibase/Installation> . Check everything is working. When done, go to customized files and re-customize. Check everything is working.
- For fresh install, create a new installation of Wikibase using Docker or other method. In new empty Wikibase, use Wikidata Integrator/Open Refine or the Wikibase Universal Server to import data from old install. Customize install from backup files.
- Check everything is working.

Query Engine

- Freshly install Query Engine from https://www.mediawiki.org/wiki/Wikidata_Query_Service/Implementation . Again, choice needs to be made to do overwrite existing version or to do a fresh install at a different location. There are no official upgrade tools and no support. Go slowly and carefully.
- Using backups of customization files, reintroduce to allow engine to be properly localized to local installation.
- Check to make sure everything works.

Quick Statements

- Install QuickStatements to allow easy bulk import of data into Wikibase installation. Information and download is available at <https://phabricator.wikimedia.org/source/tool-quickstatements/> . Make sure OAuth extension is working before installing as it is required for extension to work.
- Check that QuickStatements works.

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