MediaWiki testing

A framework

Why test?

- Many developers develop MediaWiki functionality
- MediaWiki is a moving target
- It is used in many configurations, environments
- Developers are human too

Philosophy methodology

This framework was developed to support the hosting of MediaWiki

- How do you know what extension works in what configuration
- How do you know that you can upgrade a Wiki
- Ensure repeatability

Installer

- Most time was wasted setting up a test environment
- The installation of extensions is not a standard job, it takes research and it takes a lot of time
- There are many tools that test, our initial aim is to make it easy to use them

Installer II

- We typically install from a code repository system (WMF Subversion)
- Installs a named revision or tag
- Extensions install properly when they comply to conventions
- Many extensions need installation scripts
- We support the installation of "environments"
  - Abstract environment creation by using configuration files

Benefits

- Install a MediaWiki environment in 5 minutes
- Install twenty environments in 10 minutes
- Duplicate environments
- Concentrate attention of environments in stead of n-to-n extension testing
- The installer can be used for production environments
  - A more standardised, and tested environment
  - With LocalisationUpdate a superior experience

Progress report

- A company claims the exclusive right to the software and intends to retract the license to the software (MIT license)
- Legal threats by the company prove to be bluster but
  - Potential partners require from us legal clarification
- We will go to court to
  - Clear copyright and licensing issues
  - Allow for the adoption and the continued development of the "MediaWiki Testing Environment"

Demo

- We did a demo …

- Blog: methodically testing MediaWiki