
Firefox Input Documentation

Release 1.8

Fred Wenzel, Dave Dash

March 04, 2013

CONTENTS

1	Installation	3
1.1	Vendor Library	3
2	Sphinx Search Engine	5
2.1	For developers	5
3	Elastic Search	7
4	Localization	9
4.1	Getting locales	9
4.2	Updating localizations	9
5	Indices and tables	11

Contents:

INSTALLATION

Note: The bulk of installation is covered in the *README.md* file.

1.1 Vendor Library

Input uses a vendor library to manage its dependencies. It is a git submodule. Either clone this repository with *--recursive*, or after you already have a checkout out, run:

```
git submodule sync
git submodule update --init --recursive
```


SPHINX SEARCH ENGINE

Firefox Input uses Sphinx Search 0.9.9 to power search.

2.1 For developers

If you are working on a component of Firefox Input that requires search, you'll need to be able to:

1. Install Sphinx Search
2. Index opinions.
3. Run the search daemon.

To install sphinx on OS X using `homebrew` run the following command:

```
brew install sphinx
```

This gives you `indexer` and `searchd`.

Run this command to index and run the search daemon (from the project root):

```
indexer -c **/sphinx.conf --all && searchd -c **/sphinx.conf --console
```

You may want to put this in an alias. This command will show the searches as they hit the search engine, and allow you to shut down the daemon using `^C`.

ELASTIC SEARCH

We use ElasticSearch. Download the latest version and follow the instructions in [ElasticUtils](#).

LOCALIZATION

4.1 Getting locales

If you want to have locales in your instance of input do the following:

```
svn co https://svn.mozilla.org/projects/reporter/locale
cd locale
./compile-mo.sh .
```

4.2 Updating localizations

To update the localizations do the following:

```
pushd locale
svn revert -R .
svn up
popd
./manage.py extract; ./manage.py verbatimize --rename; ./manage.py merge
pushd locale
svn commit -m 'Extracted strings'
popd
```


INDICES AND TABLES

- *genindex*
- *search*