

v0.2.15

December, 2012

Enversion Administration Guide

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Issue Record

The amendments made between approved issues of this document are captured below:

Tag	Date	Amendments	Author
v0.2.15	16-Feb-2015	Initial revision.	Trent Nelson

Table 1 Issue Record

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Executive Summary

Enversion is a server-side hook framework for Subversion that blocks over 80 different types of unwanted or problematic commits. It is ideal in enterprise environments where tight controls must be kept on source code control.

The framework is written in Python, and is compatible with Python 2.6 and 2.7. It runs on Linux and OS X.

It is licensed under the same terms as the Apache Subversion project (Apache 2.0).

The project's source code and issue tracker is hosted on github.com:

<http://github.com/enversion/enversion>

Releases are made available via git tags, signed by "Trent Nelson <trent@trent.me>" with GPG public key DDCBBC36, which is available from the MIT public key server:

<https://pgp.mit.edu/pks/lookup?op=get&search=0x25D93491DDCBBC36>

1 What's New

This section contains new features and enhancements in reverse chronological order (i.e. newest features are listed first).

1.1 Blocked File Extensions

This change adds support for blocking a commit if it contains a path matching a given regular expression.

Since	0.2.15
Config	blocked-file-extensions-iregex
Issue	https://github.com/enversion/enversion/issues/28
Initial Commit	https://github.com/enversion/enversion/commit/d36734a3af05cf77a07ccfaff1d87c7a436ca189
Tests	https://github.com/enversion/enversion/blob/master/lib/evn/test/test_blocked_file_extensions.py

Table 2 What's New: Blocked File Extensions

2 Configuration Reference

2.1 [main]

2.1.1 blocked-file-extensions-iregex

Data Type	String
Default Value	\.(com ocx mdb dll war jar so exe olb in is ol zip tar tgz dat tar\.gz msi mspl7z pkg rpm nupkg deb dmg)\$
Since	0.2.15
Description	<p>If set, a case-insensitive regular expression search is performed against each new path in a commit, and if a match is found, that path is flagged with the <i>BlockedFileExtension</i> error.</p> <p>This functionality can be disabled with an empty string, e.g.: blocked-file-extension-iregex =</p>
Gotchas	<ol style="list-style-type: none">1. Care must be taken to ensure a valid regular expression is provided as the value is not validated when overridden.2. Matches against any path – so, both files and directories.3. Only checked for newly-added files.

Table 3 Configuration: blocked-file-extension-iregex

3 Errors, Warnings and Notes

3.1 Errors

3.1.1 BlockedFileExtension

Format	"blocked file extension"
Controlled By	blocked-file-extensions-iregex
What It Means	The affected file matched the regex specified above.

Table 4 Error: BlockedFileExtension