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| --- | --- |
| v0.2.15 | February 2015 |
| **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 |

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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>

# What’s New

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

## 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

# Configuration Reference

## [main]

### blocked-file-extensions-iregex

|  |  |
| --- | --- |
| Data Type | String |
| Default Value | \.(com|ocx|mdb|dll|war|jar|so|exe|o|bin|iso|zip|tar|tgz|dat|tar\.gz|msi|msp|7z|pkg|rpm|nupkg|deb|dmg)$ |
| Since | 0.2.15 |
| Description | 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 *BlockedFileExtension* error.  This functionality can be disabled with an empty string, e.g.:  blocked-file-extension-iregex = |
| Gotchas | 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

# Errors, Warnings and Notes

## Errors

### 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