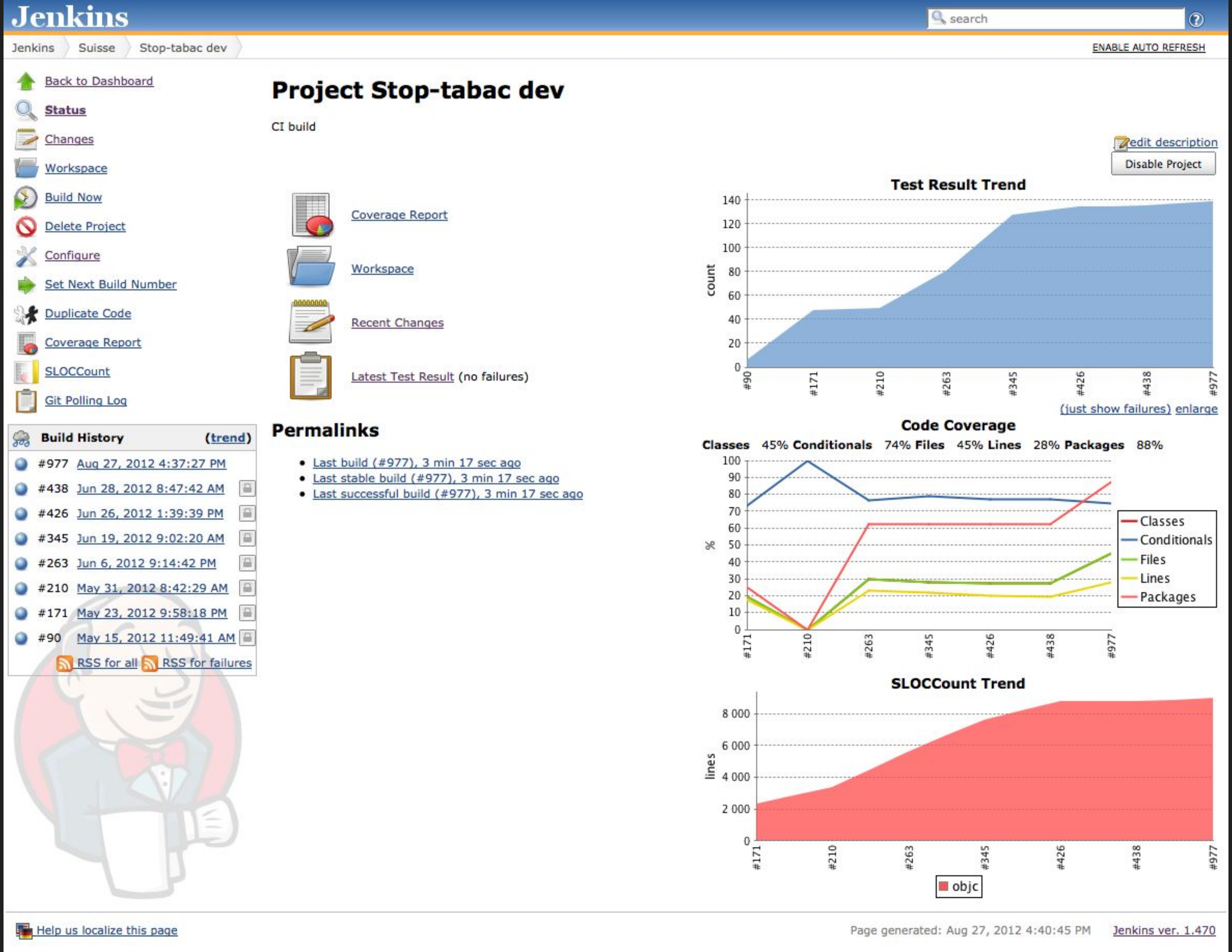
Continuous Integration



Jenkins

search

Jenkins › Suisse › Stop-tabac dev

ENABLE AUTO REFRESH

- Back to Dashboard
- Status
- Changes
- Workspace
- Build Now
- Delete Project
- Configure
- Set Next Build Number
- Duplicate Code
- Coverage Report
- SLOCCount
- Git Polling Log

Build History (trend)

#977	Aug 27, 2012 4:37:27 PM
#438	Jun 28, 2012 8:47:42 AM
#426	Jun 26, 2012 1:39:39 PM
#345	Jun 19, 2012 9:02:20 AM
#263	Jun 6, 2012 9:14:42 PM
#210	May 31, 2012 8:42:29 AM
#171	May 23, 2012 9:58:18 PM
#90	May 15, 2012 11:49:41 AM

RSS for all RSS for failures

Project Stop-tabac dev

CI build

edit description

Disable Project

- Coverage Report
- Workspace
- Recent Changes
- Latest Test Result (no failures)

Permalinks

- Last build (#977), 3 min 17 sec ago
- Last stable build (#977), 3 min 17 sec ago
- Last successful build (#977), 3 min 17 sec ago

Test Result Trend

(just show failures) enlarge

Code Coverage

Classes 45% Conditionals 74% Files 45% Lines 28% Packages 88%

SLOCCount Trend

Help us localize this page

Page generated: Aug 27, 2012 4:40:45 PM Jenkins ver. 1.470

Jenkins

Jenkins Installation

Java:

```
sudo apt update
sudo apt install default-jre
```

Python:

```
sudo apt install python3-pip
```

Jenkins Installation

Jenkins: (https://jenkins.io/doc/book/installing/)

```
wget -q -O - https://pkg.jenkins.io/debian/jenkins.io.key |
sudo apt-key add -
```

```
sudo sh -c 'echo deb https://pkg.jenkins.io/debian-stable
binary/ > /etc/apt/sources.list.d/jenkins.list'
```

```
sudo apt-get update
```

```
sudo apt-get install jenkins
```

Jenkins Setup

Connect to Jenkins: http://localhost:8080/

If jenkins is not started run:

```
systemctl start jenkins
```

Set a password!

Install Plugins:

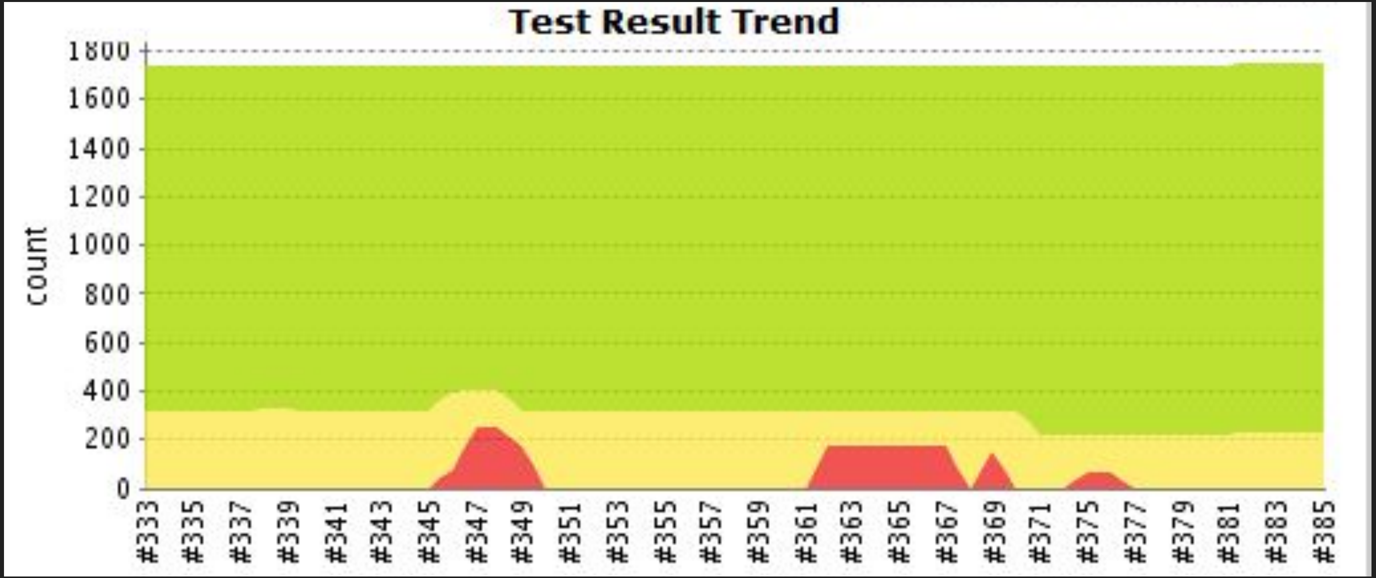
Cobertura Plugin (code coverage)

Violations plugin (lint)

Jenkins Build Configuration

1. New item
2. Import your git project (otherwise https://github.com/pallets/flask.git)

Run Unit tests



Run Unit tests Run Unit tests (Build/Execute shell)

```
PYENV_HOME=$WORKSPACE/.pyenv/

# Create virtualenv and install necessary packages
virtualenv -p python3 --no-site-packages $PYENV_HOME
. $PYENV_HOME/bin/activate

pip3 install --quiet pytest
pip3 install --quiet $WORKSPACE
# run unit tests
pytest --junitxml=testresults.xml tests
deactivate
```

This is the place where you have to adjust the build script to your project to successfully run pytest

Run Unit tests Run Unit tests

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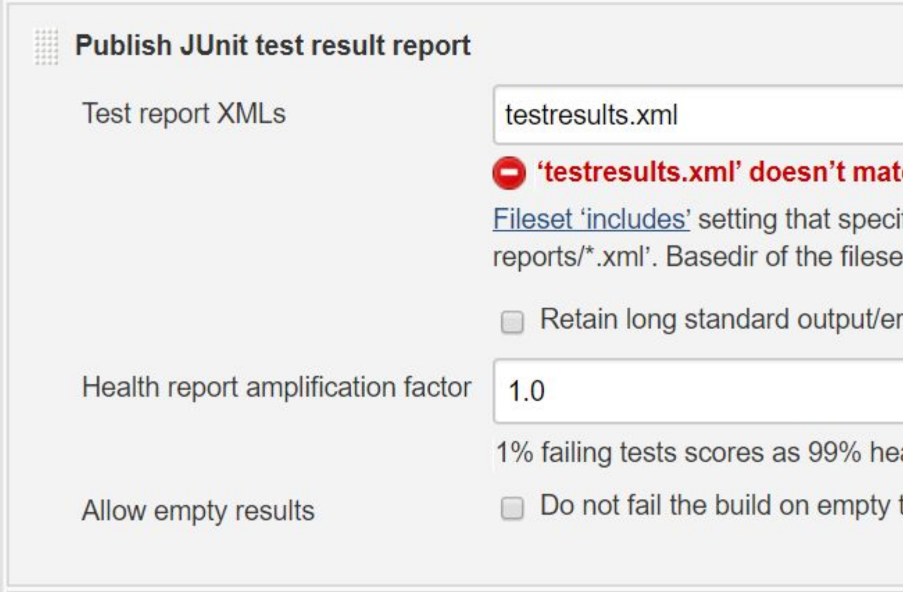

Publish JUnit test result report

Test report XMLs: testresults.xml

'testresults.xml' doesn't mat

Fileset 'includes' setting that speci reports/*.xml'. Basedir of the filese

□ Retain long standard output/er

Health report amplification factor: 1.0

1% failing tests scores as 99% hea

Allow empty results: □ Do not fail the build on empty t

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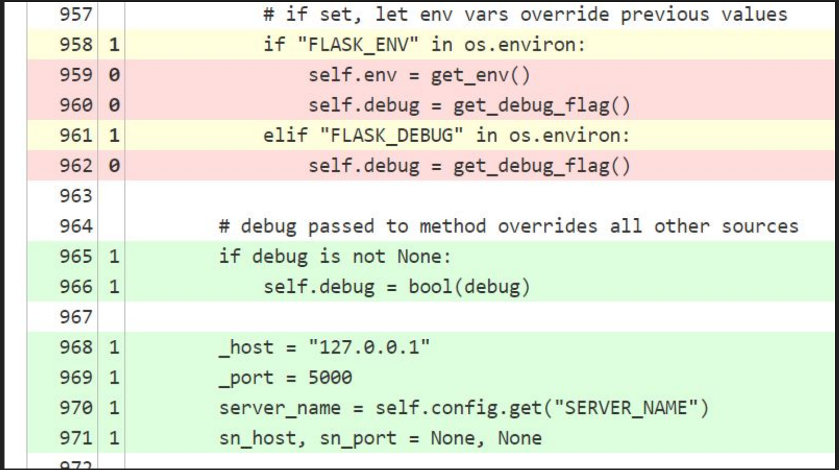
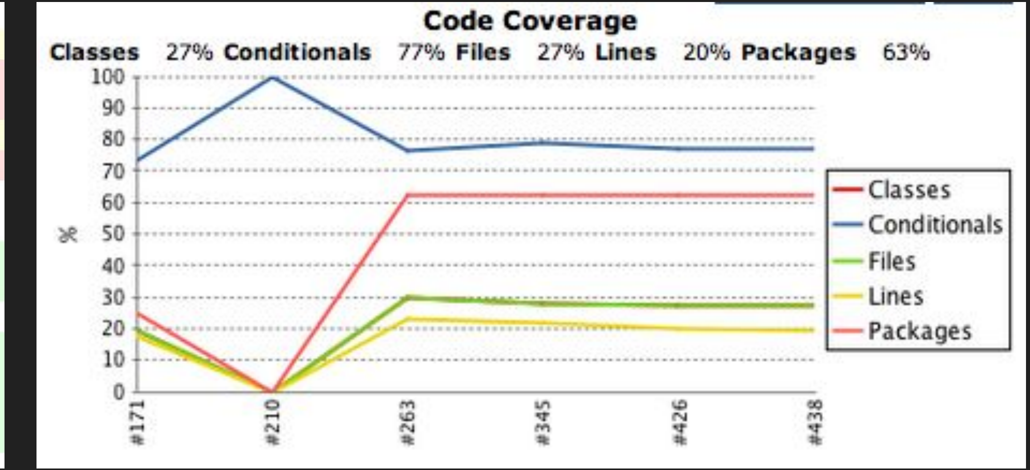
Code coverage

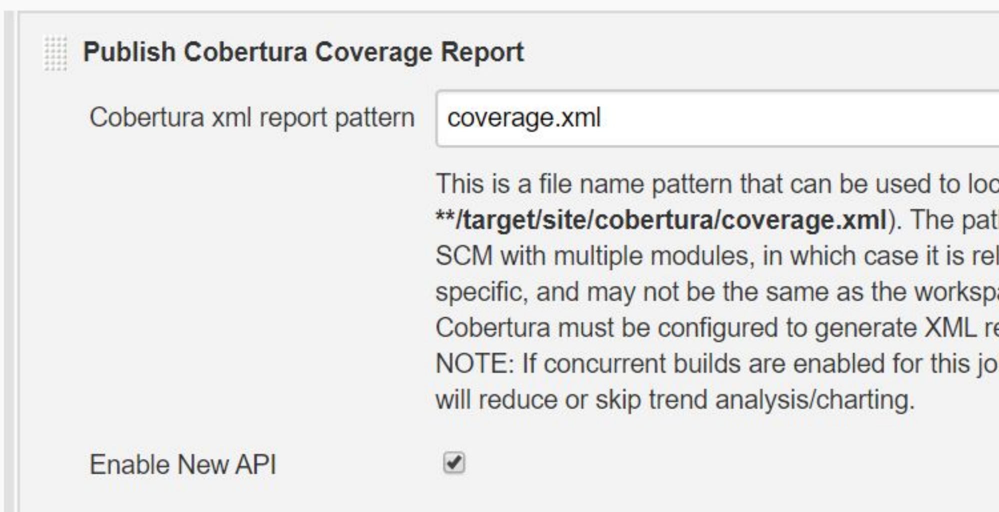


```
957        # if set, let env vars override previous values
958 1      if "FLASK_ENV" in os.environ:
959 0          self.env = get_env()
960 0          self.debug = get_debug_flag()
961 1      elif "FLASK_DEBUG" in os.environ:
962 0          self.debug = get_debug_flag()
963
964    # debug passed to method overrides all other sources
965 1  if debug is not None:
966 1      self.debug = bool(debug)
967
968 1  _host = "127.0.0.1"
969 1  _port = 5000
970 1  server_name = self.config.get("SERVER_NAME")
971 1  sn_host, sn_port = None, None
972
```



Code coverage

```
# run unit tests
pytest -cov=flask --cov-branch --cov-report xml:coverage.xml
    --junitxml=testresults.xmltests
```



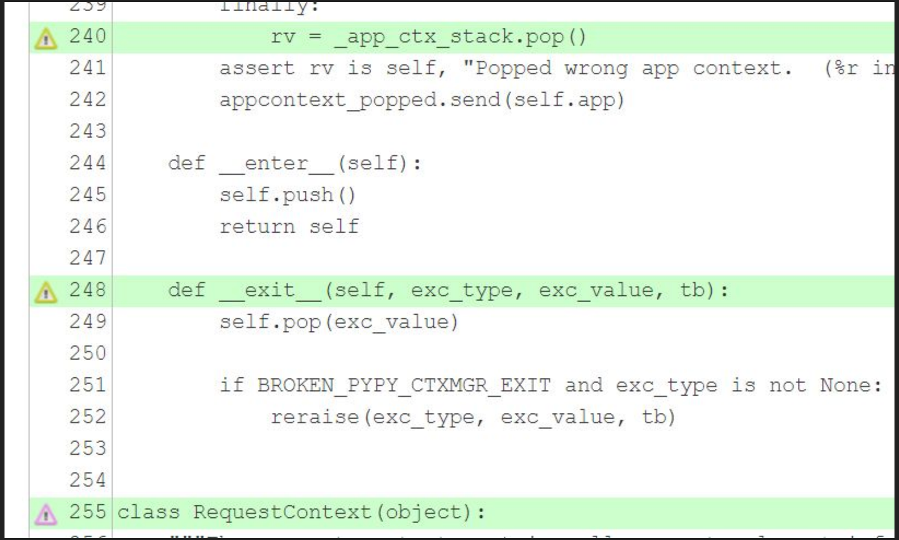
Publish Cobertura Coverage Report

Cobertura xml report pattern: coverage.xml

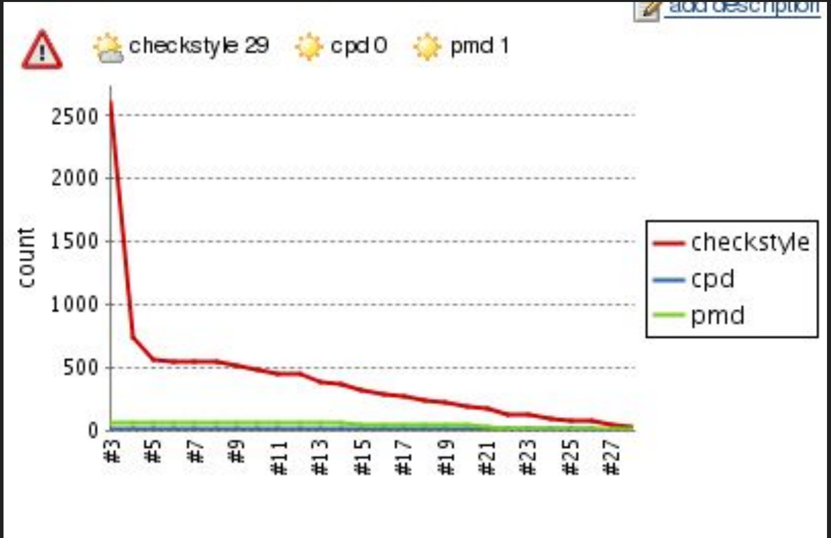
This is a file name pattern that can be used to loc
****/target/site/cobertura/coverage.xml**). The pat
SCM with multiple modules, in which case it is rel
specific, and may not be the same as the worksp
Cobertura must be configured to generate XML re
NOTE: If concurrent builds are enabled for this jo
will reduce or skip trend analysis/charting.

Enable New API ☑

Style Warnings and Violations

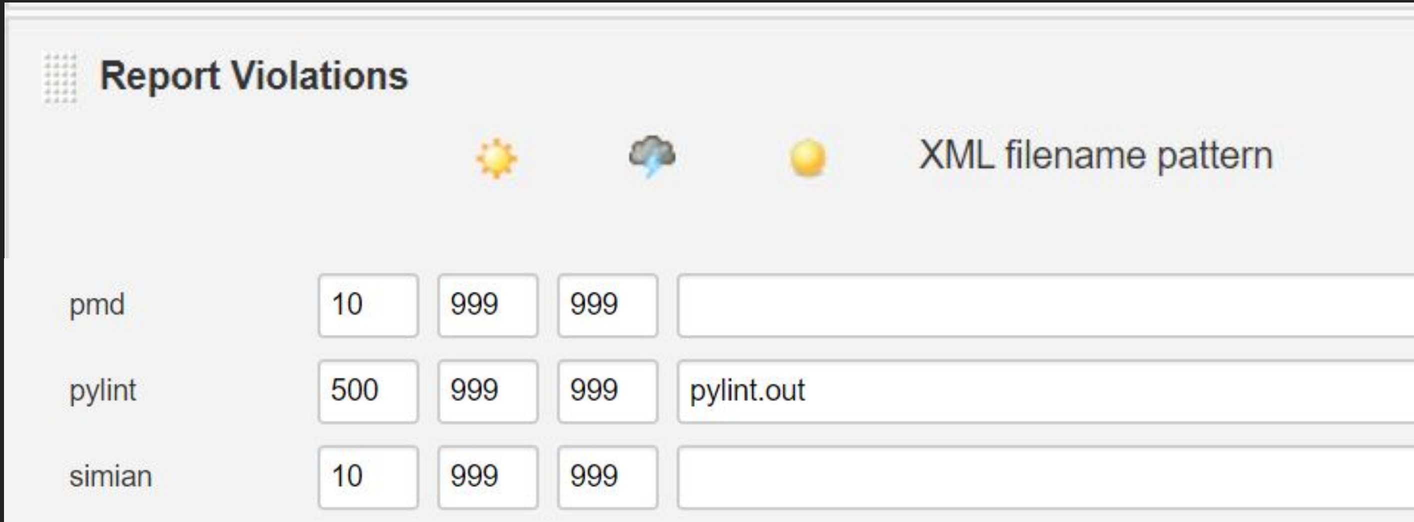


```
        finally:
            rv = _app_ctx_stack.pop()
        assert rv is self, "Popped wrong app context.  (%r in
        appcontext_popped.send(self.app)

    def __enter__(self):
        self.push()
        return self

    def __exit__(self, exc_type, exc_value, tb):
        self.pop(exc_value)

        if BROKEN_PYPY_CTXMGR_EXIT and exc_type is not None:
            reraise(exc_type, exc_value, tb)


class RequestContext(object):
```



Style Warnings -- lint

```
pylint -f parseable src/flask | tee pylint.out
```



Report Violations

	☀	⛈	●	XML filename pattern
pmd	10	999	999	
pylint	500	999	999	pylint.out
simian	10	999	999	