

# ASA von EvaP

The screenshot displays the Landscape web interface. On the left is a dark sidebar with the 'Landscape' logo at the top. Below the logo are links for 'Login with GitHub', 'Add Your Repositories', and the repository 'fsr-itse / EvaP'. Under the repository name is an 'Overview' link. Below that is the selected branch 'master #458'. A list of metrics follows: 'Summary' (with an eye icon), 'Changes' (showing +19 in a red box and -42 in a green box), 'Errors' (showing 7 in a red box), 'Smells' (showing 54 in a yellow box), and 'Style' (showing 67 in a blue box). The main content area on the right is titled 'Recent Activity'. It contains two entries, each preceded by a vertical green line. The first entry shows '92%' in green, a user icon, 'master #458', the timestamp '22 Dec 2015, 7:18 p.m.', the user 'janno42', a commit hash '8bd0012', and the note '(master) landscape configuration set to python 3'. The second entry shows '79%' in green, a user icon, 'master #457', the timestamp '16 Dec 2015, 6:09 p.m.', the user 'Johannes Wolf', a commit hash '1658e66', and the note '(master) Merge pull request #688 from janno42/exporter Compute average for all contributors of each type on export'.

**Landscape**

Login with GitHub

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fsr-itse / EvaP

Overview

master #458

Summary

Changes +19 -42

Errors 7

Smells 54

Style 67

### Recent Activity

**92%** master #458

22 Dec 2015, 7:18 p.m. janno42 8bd0012 (master)

landscape configuration set to python 3

**79%** master #457

16 Dec 2015, 6:09 p.m. Johannes Wolf 1658e66 (master)

Merge pull request #688 from janno42/exporter

Compute average for all contributors of each type on export

# PyLint

```
C:\Users\Jennifer\Documents\Studium\EvaP\evap\evaluation>pylint tools.py
No config file found, using default configuration
***** Module evap.evaluation.tools
C: 21, 0: Line too long (106/100) (line-too-long)
C: 22, 0: Line too long (105/100) (line-too-long)
C: 26, 0: Line too long (117/100) (line-too-long)
C: 27, 0: Line too long (104/100) (line-too-long)
C: 1, 0: Missing module docstring (missing-docstring)
C: 8, 0: Missing function docstring (missing-docstring)
C: 3, 0: standard import "from collections import defaultdict" comes before "fr
om evap.evaluation.models import EmailTemplate" (wrong-import-order)
C: 4, 0: standard import "from collections import namedtuple" comes before "fro
m evap.evaluation.models import EmailTemplate" (wrong-import-order)
```

# Pychecker




## PyChecker

Brought to you by: [ericnewton](#), [johnshue](#), [nnorwitz](#), [thomasvs](#)

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```
C:\Users\Jennifer\Downloads\pychecker-0.8.19>python setup.py install
File "setup.py", line 3
  Python distutils^ setup script for pychecker.
SyntaxError: invalid syntax
```

# pep8

```
C:\Users\Jennifer\Documents\Studium\EvaP\evap\evaluation>pep8 send_publish_notifications.py
send_publish_notifications.py:6:80: E501 line too long (97 > 79 characters)
send_publish_notifications.py:8:1: E302 expected 2 blank lines, found 1
send_publish_notifications.py:8:80: E501 line too long (93 > 79 characters)
send_publish_notifications.py:15:80: E501 line too long (84 > 79 characters)
send_publish_notifications.py:18:80: E501 line too long (89 > 79 characters)
send_publish_notifications.py:21:80: E501 line too long (106 > 79 characters)
send_publish_notifications.py:22:80: E501 line too long (105 > 79 characters)
send_publish_notifications.py:26:80: E501 line too long (117 > 79 characters)
send_publish_notifications.py:27:80: E501 line too long (104 > 79 characters)
send_publish_notifications.py:32:80: E501 line too long (85 > 79 characters)
send_publish_notifications.py:38:80: E501 line too long (84 > 79 characters)
```

# Pyflakes

# PyCharm Inspection

```
<tr>
    <th class="col-sm-1">{{ trans "ID" }}</th>
    <th class="col-sm-9">{{ trans "Comment" }}</td>
    <th class="col-sm-2">{{ trans "Publish" }}</td>
</tr>
</thead>
```

Closing tag matches nothing

```
average = avg(answers)
deviation = sqrt(avg((average - answer) ** 2 for answer in answers)) if total_count > 0 else None
counts = get_counts(answer_counters)
warning = total_count > 0 and total_count < questionnaire_warning_thresholds[questionnaire]
```

Simplify chained comparison

- Flip '>' to '<'
- Negate '>' to '<='

```
@classmethod
def send_publish_notifications_to_user(cls, user, grade_document_courses=[], evaluation_results_courses=[]):
    template = cls.objects.get(name=cls.PUBLISHING_NOTIFICATION)

    grade_documents_exist = len(grade_document_courses) > 0
    evaluation_results_exist = len(evaluation_results_courses) > 0
```

Default argument value is mutable [more...](#) (Strg+F1)

# Landscape

evap/evaluation/models.py Line 1023 Character 4	
1020:	cls.__send_to_user(user, template, subject_params, body_params, cc=False)
1021:	
1022:	@classmethod
1023:	def send_publish_notifications_to_user(cls, user, grade_document_courses=[], evaluation_results_courses=[]):
	Dangerous default value [] as argument
1024:	template = cls.objects.get(name=cls.PUBLISHING_NOTICE)
1025:	
1026:	grade_documents_exist = len(grade_document_courses) > 0