

安装

```
pip install pytest-allure-adaptor
```

使用

```
py.test --alluredir [path_to_report_dir]
```

```
#比如:py.test ./topideal/testcase/test_menu_check.py --alluredir ./report
```

定义测试步骤

方法1:

```
import pytest

@pytest.allure.step
def make_test_data_foo():
    # do stuff

def test_foo():
    assert make_some_data_foo() is not None

@pytest.allure.step('make_some_data_foo')
def make_some_data_bar():
    # do another stuff

def test_bar():
    assert make_some_data_bar() is not None
```

方法2:

```
import allure

@allure.step('登录')
def do_operation():
```

添加附件到测试报告:

```
import allure

def test_foo():
    allure.attach('my attach', 'Hello, World')
```

添加**BUG**链接到测试报告:

```
import pytest

@pytest.allure.issue('http://jira.lan/browse/ISSUE-1')
def test_foo():
    assert False
```

```
import allure

@allure.issue('http://jira.lan/browse/ISSUE-2')
class TestBar:

    # test will have ISSUE-2, ISSUE-3 and ISSUE-4 label
    @allure.issue('http://jira.lan/browse/ISSUE-3')
    def test_bar1(self):
        # You can use this feature like a function inside the test
        allure.dynamic_issue('http://jira.lan/browse/ISSUE-4')
        pass

    # test will have only ISSUE-2 label
    def test_bar2(self):
        pass
```

添加测试用例链接到测试报告:

```
import pytest

@pytest.allure.testcase('http://my.tms.org/TESTCASE-1')
def test_foo():
    assert False
```

```

import allure

@allure.testcase('http://my.tms.org/browse/TESTCASE-2')
class TestBar:

    # test will have TESTCASE-2 and TESTCASE-3 label
    @allure.testcase('TESTCASE-3')
    def test_bar1(self):
        pass

    # test will have only TESTCASE-2 label
    def test_bar2(self):
        pass

```

定义优先级:

优先级, 包含blocker, critical, normal, minor, trivial 几个不同的等级

```

import pytest

@pytest.allure.severity(pytest.allure.severity_level.MINOR)
def test_minor():
    assert False

@pytest.allure.severity(pytest.allure.severity_level.CRITICAL)
class TestBar:

    # will have CRITICAL priority
    def test_bar(self):
        pass

    # will have BLOCKER priority via a short-cut decorator
    @pytest.allure.BLOCKER
    def test_bar(self):
        pass

```

执行测试的时候, 可以指定优先级:

```

py.test my_tests/ --allure_severities=critical,blocker

```

设置feature和story

```
import allure

@allure.feature('Feature1')
@allure.story('Story1')
def test_minor():
    assert False

@allure.feature('Feature2')
@allure.story('Story2', 'Story3')
@allure.story('Story4')
class TestBar:

    # will have 'Feature2 and Story2 and Story3 and Story4'
    def test_bar(self):
        pass
```

```
py.test my_tests/ --allure_features=feature1,feature2
py.test my_tests/ --allure_features=feature1,feature2 --
allure_stories=story1,story2
```

设置环境变量

```

import allure
import pytest

def pytest_configure(config):
    allure.environment(report='Allure report', browser='Chrome')

@pytest.fixture(scope="session")
def app_host_name():
    host_name = "my.host.local"
    allure.environment(hostname=host_name)
    return host_name

@pytest.mark.parametrize('country', ('China', 'Germany'))
def test_minor(country):
    allure.environment(country=country)
    assert country

```

在jenkins中安装Allure Jenkins Plugin

安装Allure Jenkins plugin跟安装其他jenkins插件一样，
在【系统管理】--【全局工具配置】配置如下：

Allure Commandline

Allure Commandline 安装

新增 Allure Commandline

Allure Commandline

别名 Allure2.6.0

☒ 自动安装

From Maven Central

版本 2.6.0

新增安装

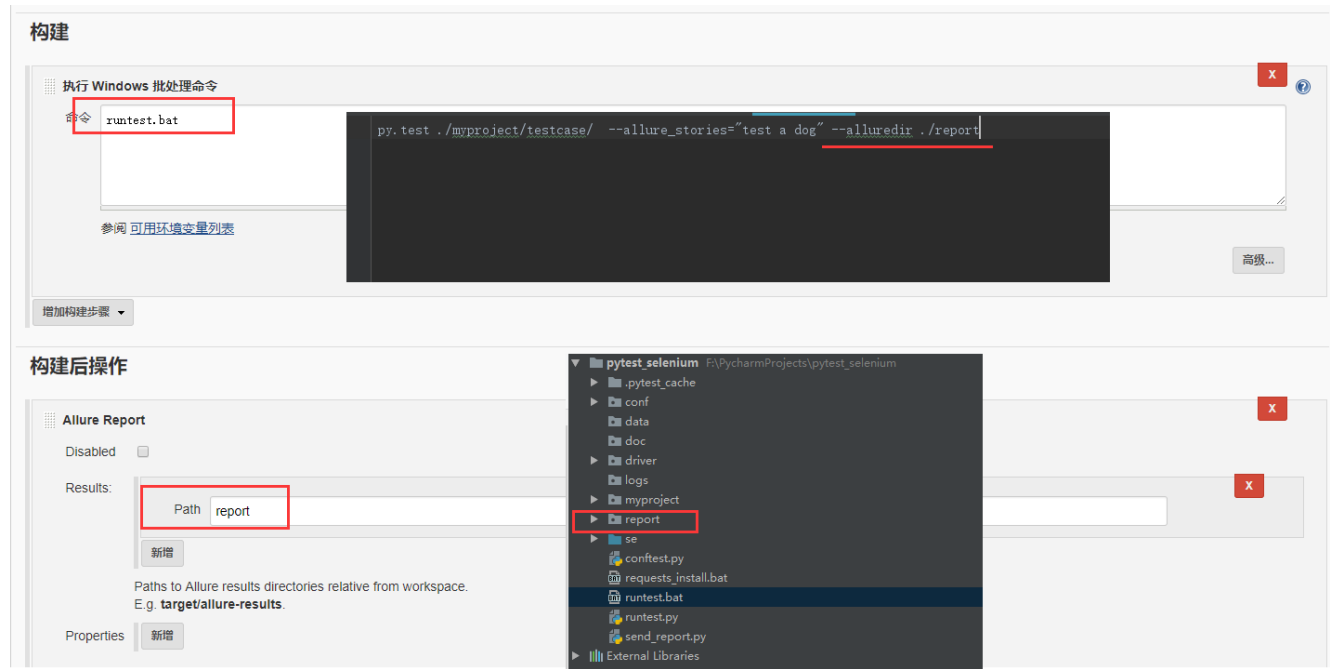
新增 Allure Commandline

系统下Allure Commandline 安装列表

Save

Apply

在执行job中配置执行参数和报告路径：

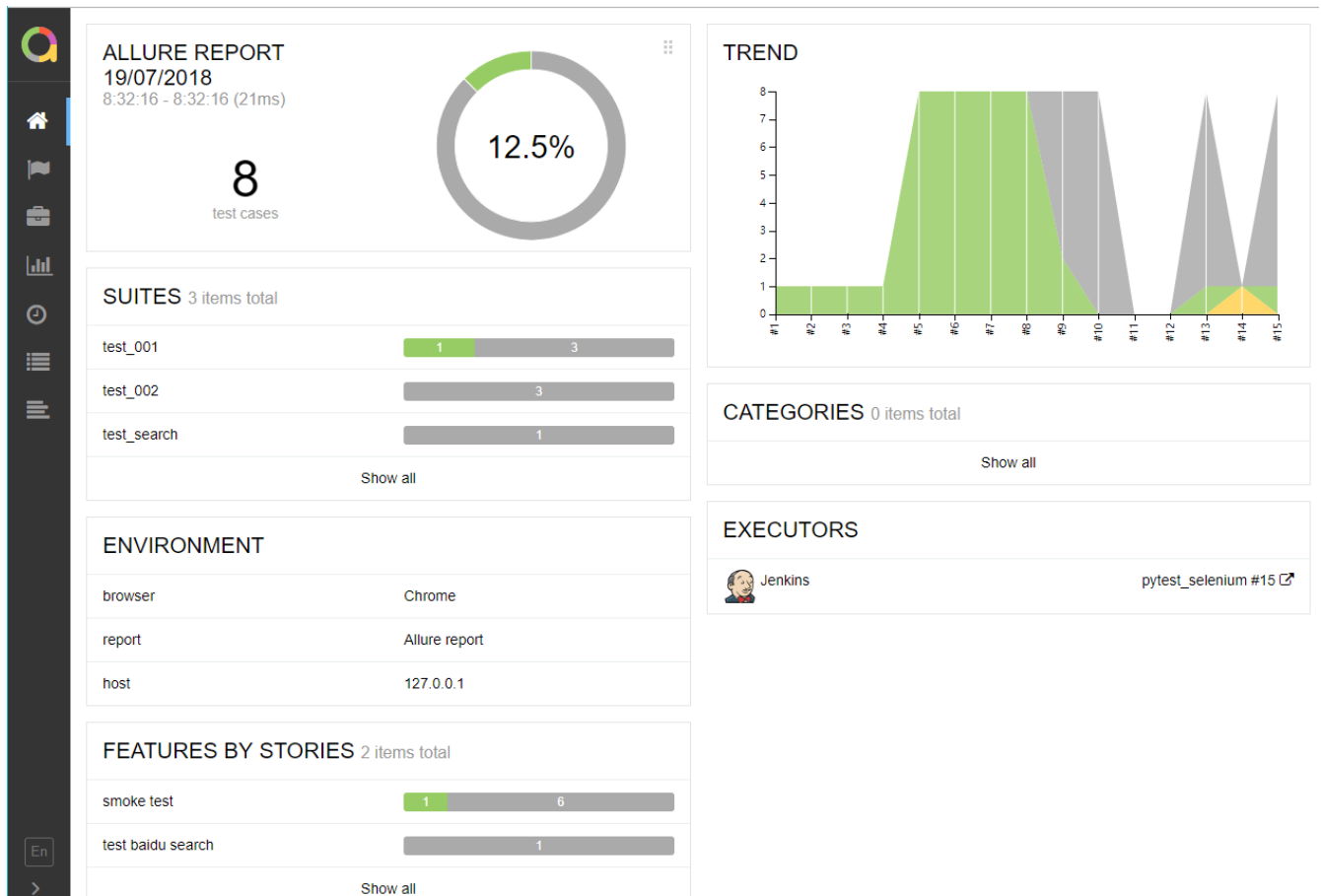


查看测试报告入口：

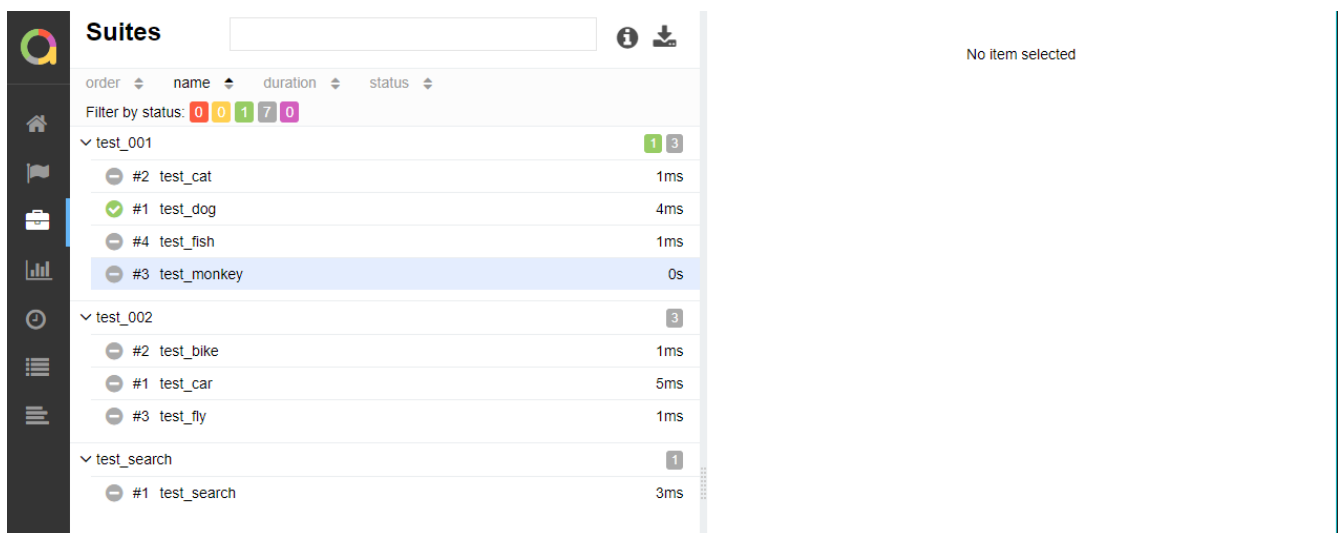


报告示例图：

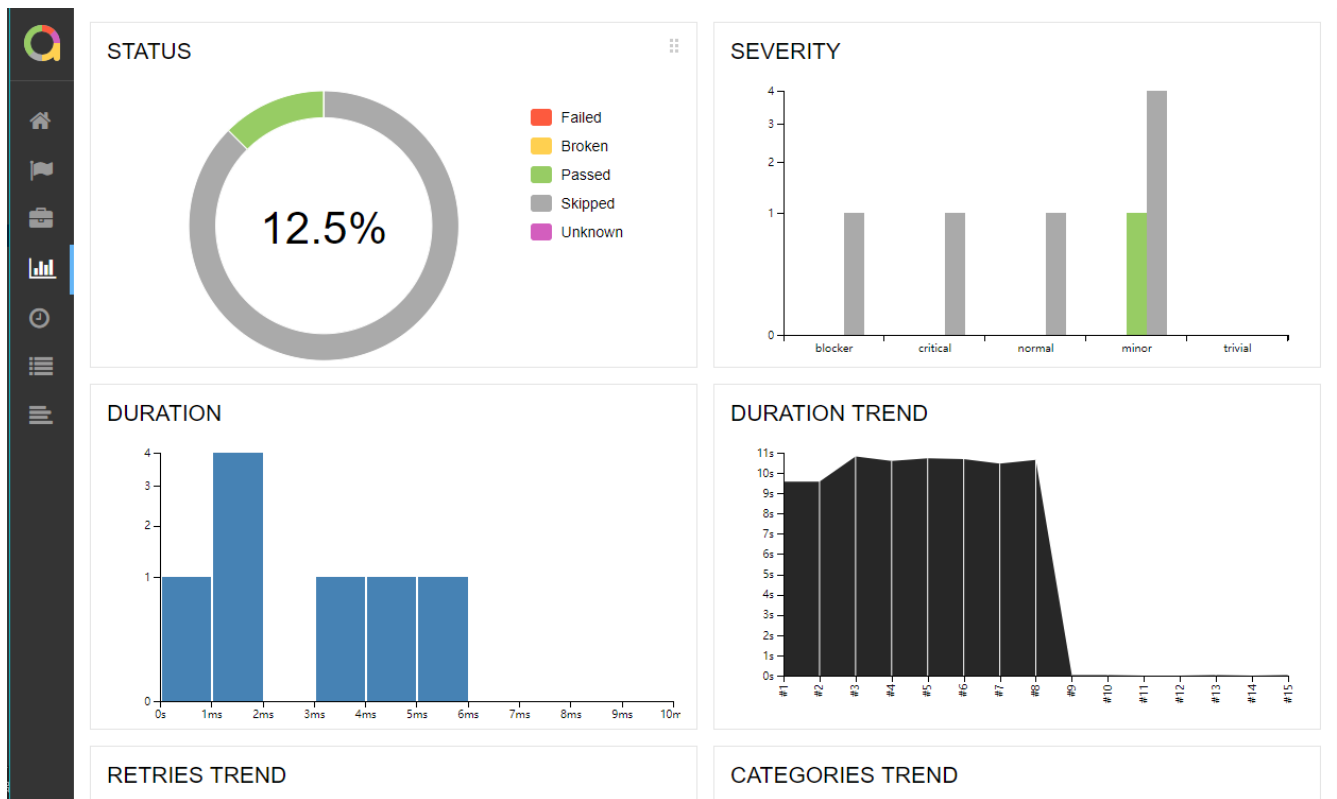
测试报告总览图：



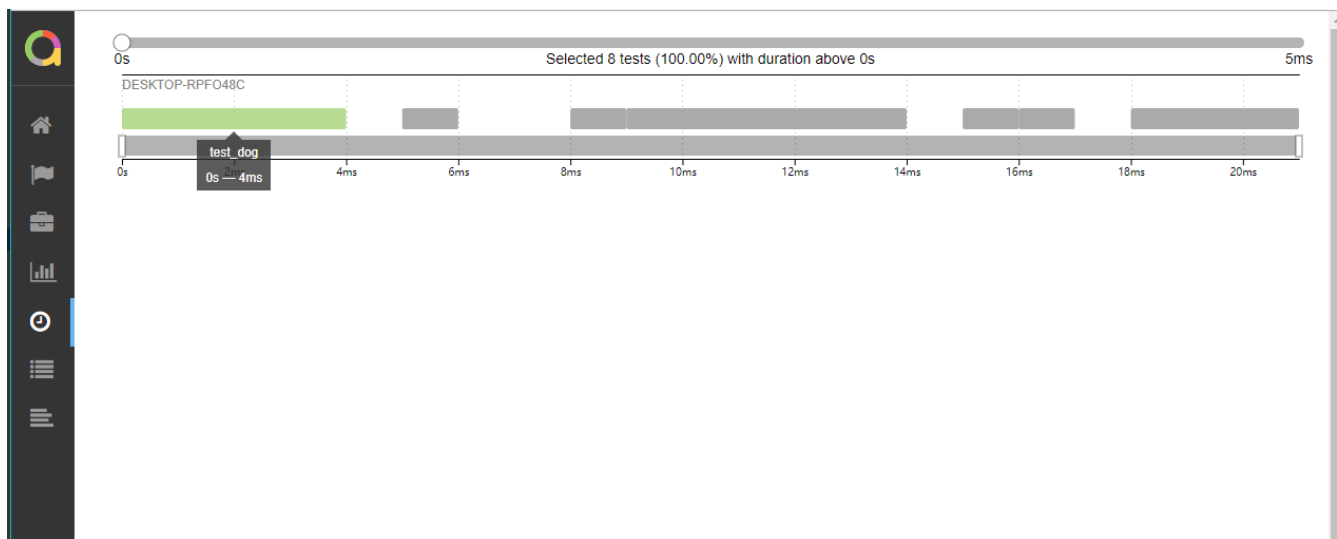
按testsuit归集测试报告：



按照各种维度统计：



测试时间统计：



按照设定的story归集测试报告：

Behaviors

order name duration status

Filter by status: 0 0 1 7 0

smoke test

test a bike

test a car

test a cat

test a dog

#1 test_dog

test a fish

test a fly

test a monkey

test baidu search

1 6

1

1

1

1

1

1

1

1

test_001.test_dog

Passed test_dog

Overview History Retries

Severity: minor

Duration: 4ms

Links

http://www.bug.com/bug001 ; how to test a dog

Execution

Test body

如何定义一个详情的测试报告示意图:

Behaviors

order name duration status

Filter by status: 0 0 1 7 0

smoke test

test a bike

test a car

test a cat

test a dog

#1 test_dog

test a fish

test a fly

test a monkey

test baidu search

#1 test_search

1 6

1

1

1

1

1

1

1

1

3ms

test_001.test_dog

Passed test_dog

Overview History Retries

Severity: minor

Duration: 4ms

Links

http://www.bug.com/bug001 ; how to test a dog

Execution

Test body

Captured stdout call

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```
@allure.severity('minor')
@allure.feature('smoke test')
@allure.story('test a dog')
@allure.issue('http://www.bug.com/bug001')
@allure.testcase('how to test a dog')
def test_dog():
    allure.environment(host='127.0.0.1', report='Allure report', browser='Chrome')
    print("this is a gold dog")
    pass
```