
jira-agile-toolbox

Release unknown

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```
pip install jira-agile-toolbox
```


API DOCUMENTATION

class `jira_agile_toolbox.JiraAgileToolBox(jira_client)`

a class which helps you do agile things with jira

Parameters `jira_client` (*jira.JIRA*) – an instance of `jira.JIRA`

Example

```
>>> from jira import JIRA
>>> jira_client = JIRA("https://jira.atlassian.org")
>>> jat = JiraAgileToolBox(jira_client)
```

get_storypoints_from_epic(*epic*)

searches for the epic and returns the number of storypoints as a dict

Parameters `epic` (*str jira.Issue*) – the epic key or a jira Issue

Returns a dictionary containing total story points

Return type dict

Example

```
>>> from jira_agile_toolbox import JiraAgileToolBox
>>> from jira import JIRA
>>> my_jira_client = JIRA("https://my-jira-server.com", basic_auth(
↳ "MYUSERNAME", "MYPASSWORD")
>>> tb = JiraAgileToolBox(my_jira_client)
>>> tb.get_storypoints_from_epic("JAT-001")
{'total': 100, "Reported": 50, "Closed": 50}
```

rank_issues_at_top_of_project(*ranked_list, project*)

moves the provided `ranked_list` at the top of the backlog of the given project

Parameters

- **ranked_list** – a list of jira Issues
- **project** (*str*) – project key

Example

```
>>> from jira_agile_toolbox import JiraAgileToolBox
>>> from jira import JIRA
>>> my_jira_client = JIRA("https://my-jira-server.com", basic_auth(
↳ "MYUSERNAME", "MYPASSWORD")
```

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```
>>> tb = JiraAgileToolBox(my_jira_client)
>>> tb.rank_issues_by_list([my_jira_client.issue("JAT-001"), my_jira_
↳ client.issue("JAT-003")])
```

will produce following result

before	after
JAT-010	JAT-001
JAT-005	JAT-003
JAT-003	JAT-010
JAT-002	JAT-005
JAT-001	JAT-002

rank_issues_by_list(*ranked_list, on_top_of_issue*)

sorts the provided list by rank on top of the latter issue

Parameters

- **ranked_list** – list of issues to be sorted by rank index 0 has highest rank
- **on_top_of_issue** – issue on top of which these issues need to land

Example

```
>>> from jira_agile_toolbox import JiraAgileToolBox
>>> from jira import JIRA
>>> my_jira_client = JIRA("https://my-jira-server.com", basic_auth(
↳ "MYUSERNAME", "MYPASSWORD"))
>>> tb = JiraAgileToolBox(my_jira_client)
>>> tb.rank_issues_by_list([my_jira_client.issue("JAT-001"), my_jira_
↳ client.issue("JAT-003")], my_jira_client.issue("JAT-005"))
```

will rank issues like:

before	after
JAT-010	JAT-010
JAT-005	JAT-001
JAT-003	JAT-003
JAT-002	JAT-005
JAT-001	JAT-002

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