

JIRA plugin for ALICE instance

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JINR

What is Jira?

Jira

Your work

Projects ▾

Filters ▾

Dashboards ▾

People

Plans ▾

Apps

Create

Q Search

?

Travel Booking Division

Give feedback

Auto-schedule

Share

Review changes 2

Roadmap

Teams

Releases

Hierarchy:

⚡ Epic ▾

 to

📖 Story ▾

 |

Filters ▾

3m

1y

Fit

Custom ▾

View settings ▾

SCOPE

#

Issue

+ Create issue

Android Team

1 ▾ ⚡ ADR-104 App basics - Android

ADR-401 As a user I can log...

ADR-402 As a user I access...

ADR-403 Implement booking...

2 > ⚡ ADR-105 Invite and share

3 ▾ ⚡ ADR-107 Adapt apps to new pa...

ADR-424 Adapt Android app...

iOS Team

1 ▾ ⚡ IOS-543 Social media integration

FIELDS

Status

Start date

Due date

IN PROGRESS

25/Feb/20

23/Mar/20

IN PROGRESS

s 10/Mar/20

s 23/Mar/20

IN PROGRESS

s 10/Mar/20

s 23/Mar/20

DONE

s 10/Mar/20

s 23/Mar/20

TO DO

25/Mar/20

20/Apr/20

TO DO

20/Apr/20

16/May/20

TO DO

20/Apr/20

04/May/20

IN PROGRESS

25/Feb/20

23/Mar/20

Mar 2

Mar 9

Mar 16

Mar 23

Mar 30

Apr 6

Apr 13

Apr 20

Apr 27

May

Sprint 9

Sprint 10

Sprint 11

Sprint 12

Sprint 13

Spr

←

1

4

1

2

1

←

1

What is Jira?

Jira

Your work

Projects

Filters

Dashboards

People

Plans

Apps

Create

Q

Search

?

⚙

Teams in Space

Classic software project

Scrum: Teams in S...

Board

Roadmap

Backlog

Active sprints

Reports

Issues

Components

Releases

Project pages

Add item

Project settings

Board

Release

Q

Quick Filters

TO DO 5

Engage Jupiter Express for outer solar system travel

SPACE TRAVEL PARTNERS

✓ ⬆ 5

TIS-25

Engage Saturn Shuttle Lines for group tours

LOCAL MARS OFFICE

⬆ 9

TIS-12

Engage Saturn's Rings Resort as a preferred provider

SPACE TRAVEL PARTNERS

⬆ 3

TIS-17

Enable Speedy SpaceCraft as the preferred

IN PROGRESS 5

Requesting available flights is now taking > 5 seconds

SEESPACEEZ PLUS

⬆ 3

TIS-8

Engage Saturn Shuttle Lines for group tours

SPACE TRAVEL PARTNERS

✓ ⬆ 4

TIS-15

Establish a catering vendor to provide meal service

LOCAL MARS OFFICE

⬆ 4

TIS-15

Engage Saturn Shuttle Lines for group tours

CODE REVIEW 2

Register with the Mars Ministry of Revenue

LOCAL MARS OFFICE

⬆ 3

TIS-11

Draft network plan for Mars Office

LOCAL MARS OFFICE

✓ ⬆ 3

TIS-15

DONE 8

Homepage footer uses an inline style-should use a class

LARGE TEAM SUPPORT

⬆ 68

TIS-68

Engage JetShuttle SpaceWays for travel

SPACE TRAVEL PARTNERS

⬆ 5

TIS-23

Engage Saturn Shuttle Lines for group tours

SPACE TRAVEL PARTNERS

✓ ⬆ 1

TIS-15

Establish a catering vendor to provide meal service

Your work

Projects

Filters

Dashboards

People

Plans

Apps

Create

Q

Search

?

⚙

space

ware project

ams in S...

Releases

Q

Quick filters

Version	Status	Progress	Start date	Release date	Description	Actions
Version 4.0	IN PROGRESS	<div></div>	03/01/2021	--	Awesome...	...
Version 3.0	UNRELEASED	<div></div>	02/15/2021	--	Website to...	...
Version 2.0	UNRELEASED	<div></div>	02/01/2021	--	--	...
Version 1.8	RELEASED	<div></div>	01/04/2021	02/14/2021	Version 1.8	...
Version 1.5	RELEASED	<div></div>	11/30/2020	12/18/2020	Version 1.5	...
Version 1.3	RELEASED	<div></div>	11/16/2020	12/01/2020	Version 1.3	...
Version 1.2	RELEASED	<div></div>	10/12/2020	11/13/2020	Version 1.2	...
Version 1.0	RELEASED	<div></div>	09/21/2020	11/06/2020	Version 1.0	...

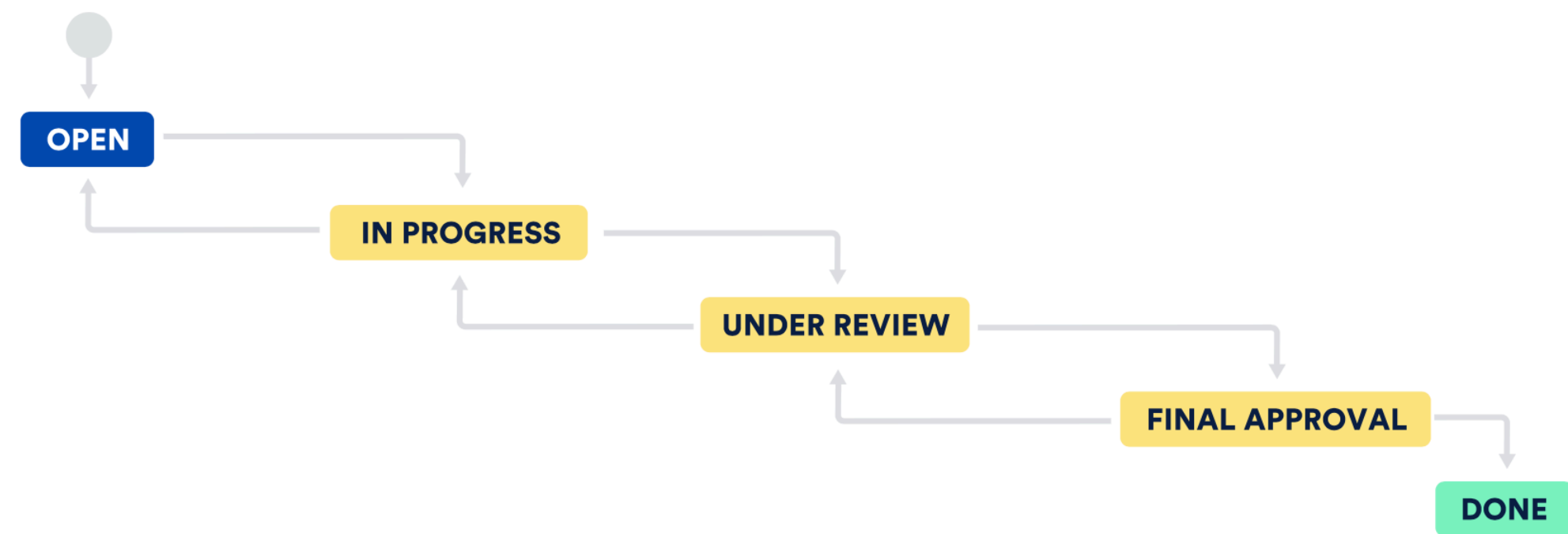
Version name

Start date

Release date

Description

Add



What's the difference

System	Developer	License	Programming Language	User Interface	Server Side	Integration with source control systems	Customizable Workflow	Unicode suppose	LDAP
Gemini	Countersoft	Free, commercial, Hosted, Open Source, Not for Profit	C#/Asp.NET	Web, Windows, E-mail, Web Services, Outlook, Visual Studio, MSN Messenger	SQL Server/MSDE	Subversion, Visual SourceSafe	Yes	Yes	Yes
BugTracker.NET	Corey Trager	GPL	ASP.NET/C# On Windows	Web, e-mail	SQL Server	Subversion	Yes	Yes	Yes
Wrike	Wrike, Inc.	Hosted, proprietary software	Java	Web (hosted and installed on own server), email	PostgreSQL	Subversion	Yes	Yes	No
GNATS	Free Software Foundation	GPL	C	Web, e-mail, Unix clients	MySQL	CVS	No	No	No
Jira	Atlassian Software Systems	Proprietary software, free for non-commercial	Java	Web, e-mail, RSS	DB2, Firebird, HSQLDB, MaxDB, Mckoi, MySQL, Oracle, PostgreSQL, SQL Server, Sybase ASA	Clear Case, AccuRev, Perforce, CVS, Subversion, Visual SourceSafe, Git	Yes	Yes	Yes
HP Quality Center	Hewlett-Packard	proprietary software	C++ (Visual Studio.NET 2005) (client), Java (server)	Web, e-mail	SQL Server, Oracle	AccuRev	No	Yes	No
Mantis	Mantis	GPL	PHP	Web, e-mail	MySQL, PostgreSQL, MS SQL	CVS, Subversion, Git	Yes	Yes	Yes
Redmine	Jean-Philippe Lang	GPL v2	Ruby on Rails	Web, E-mail, Atom, iPhone(iRedmine), Windows Phone (Redmine To Go), Android (RedminePM)	MySQL, PostgreSQL, MS SQL	Subversion, CVS, Bazaar, Mercurial, Git	Yes	Yes	Yes

JIRA instance in ALICE

- Jira v.8.17
- CentOS 7
- PostgreSQL

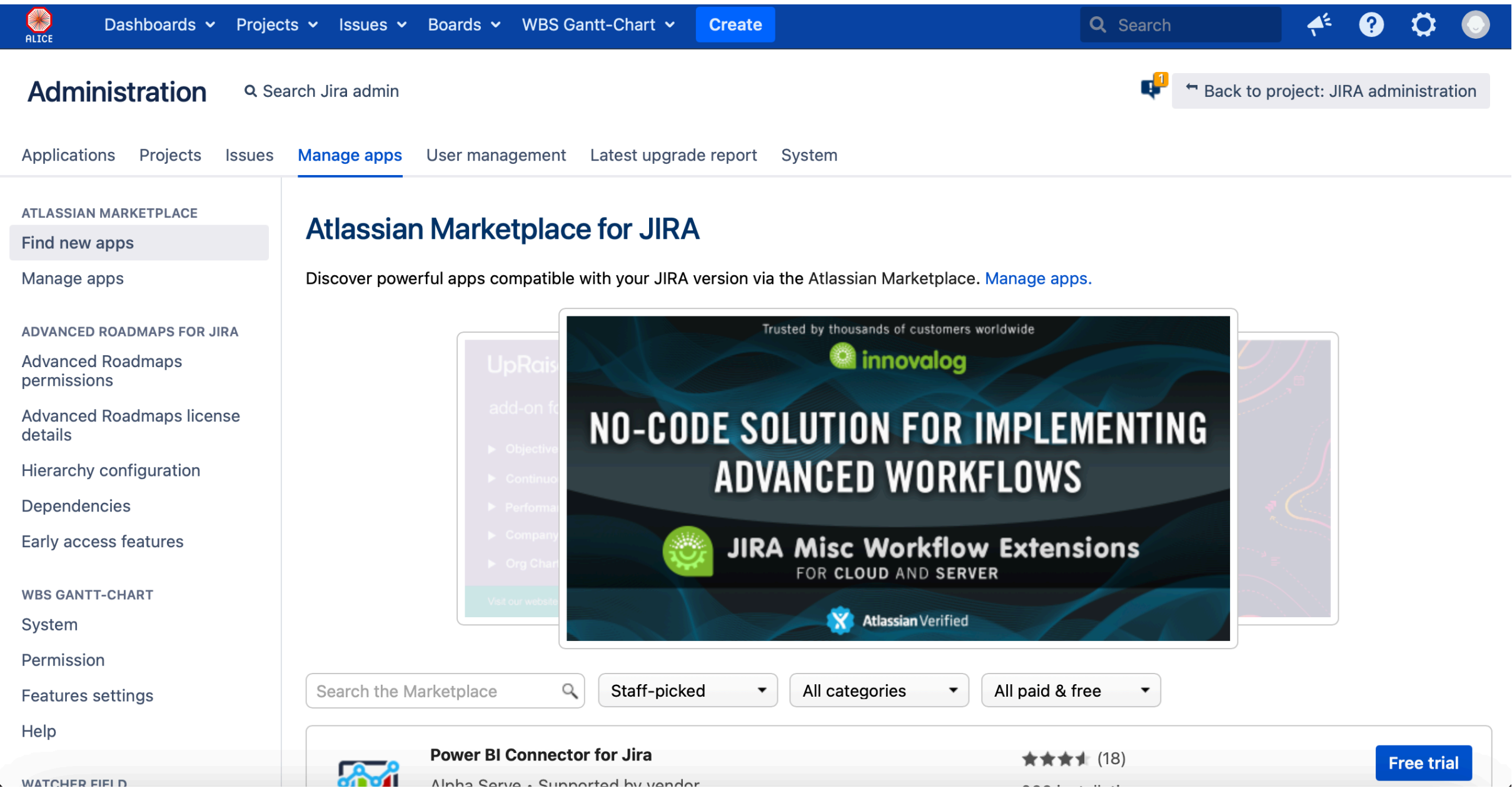
2 instances:

- Develop (dev2.its.cern.ch)
- Production (alice.its.cern.ch)

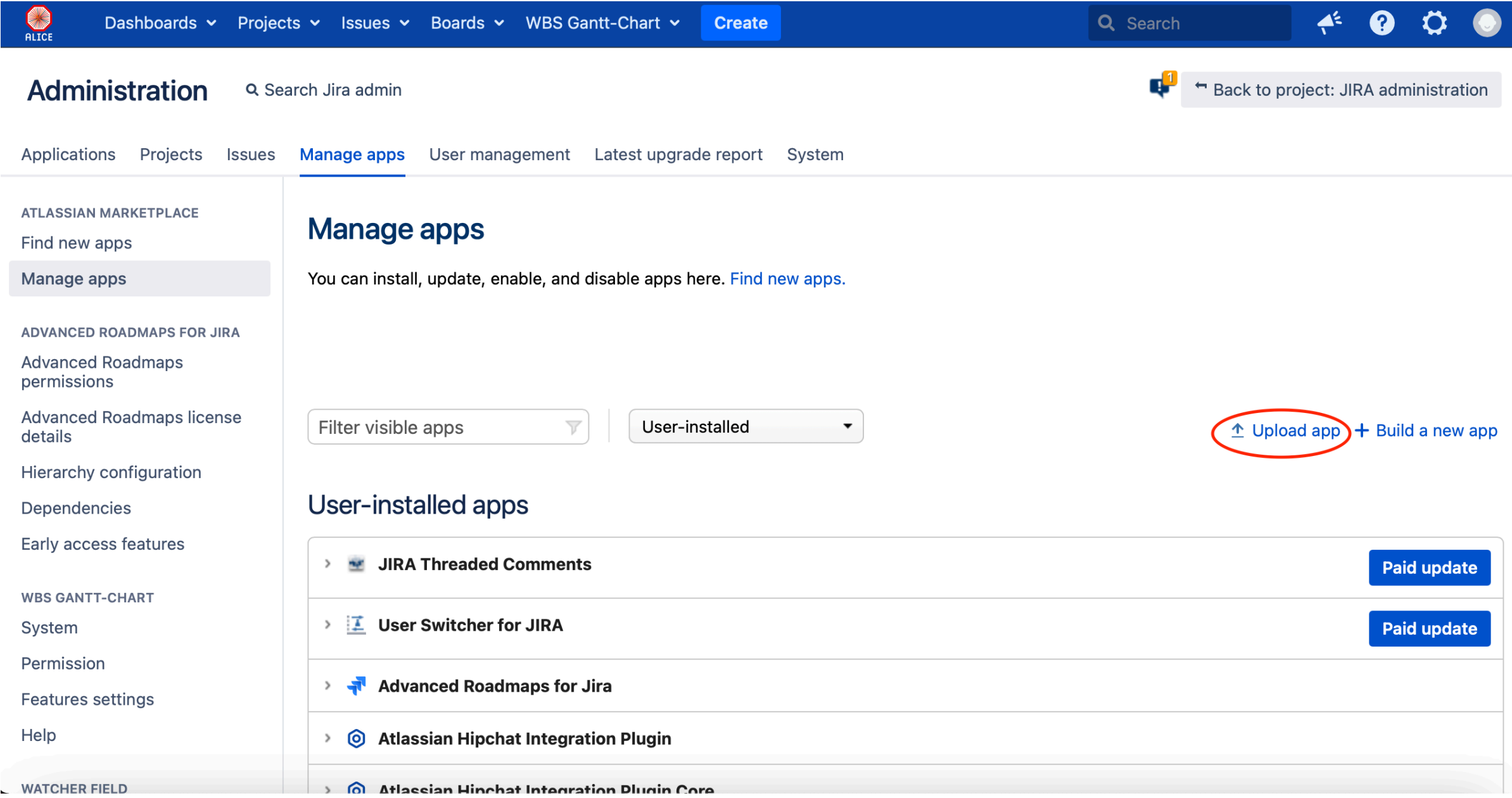
- 4350 users
- 106 projects in 15 categories
- 32354 Issues
- 68 Statuses and 51 Issue types
- more than 20 custom plugins installed
- API for user and e-groups management

JIRA plugins and JQL functions


Marketplace



Self-upload



JIRA plugins and JQL functions

ALICE

Dashboards ▾


Projects ▾





Issues ▾

Boards ▾

WBS Gantt-Chart ▾

Create

 Search



New search

«

Search

Save as

Share

Export ▾

Tools ▾

Find filters

FILTERS

My open issues

Reported by me

All issues

Open issues

Done issues

Viewed recently

Created recently

Resolved recently

Updated recently

FAVOURITE FILTERS

You don't have any favourite filters.

issues in linkedissueshasstatus()

Search

Basic

▾

Order by ▾

↑

+

WEBLIB-47

Add thread participants fie...

↑

WEBLIB-46

Don't insert comments wh...

+

WEBLIB-45

Set reporter in created iss...

+

WEBLIB-44

Return issue description w...

+

WEBLIB-43

Add method to JIRA API to ...

+

WEBLIB-42

add watchers to JIRA issue

+

WEBLIB-41

Create JIRA issue allows fo...

WEBLIB-40

Agile Board

Watch issue

Admin ▾

Details

Type:

Status:

Priority:

Resolution:

Affects Version/s:

Fix Version/s:

Component/s:

Labels:

Group:

Highlighted:

Checklist:

+ New Feature

RESOLVED

Major

Fixed

None

1.29

PHP

None

4 - In-House Tools

No

EMPTY

Description

1 of 31630

^


▾

Share


Export ▾

People

Assignee:

Vasco Barroso

Reporter:

Vasco Barroso

Votes:

0

Vote for this issue

Watchers:

1

Start watching this issue

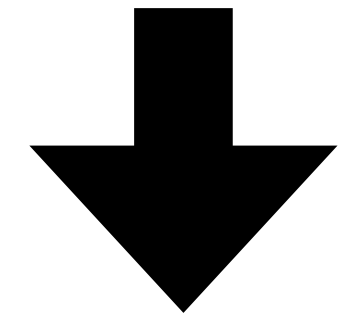
Dates

Created:

24/Aug/16 2:50 PM

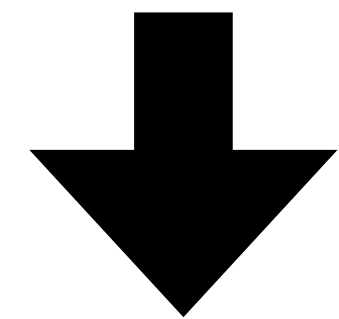
Plugin scheme

Function call



- Getting all Issues from DB
- Getting full list of Statuses
- Getting full list of Link Types

- Full list of Issues with Statuses and Link Types(if it has)
- List of Statuses
- List of Link Types



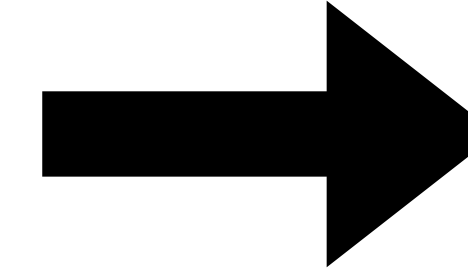
Getting List of Linked Issues

List of Linked Issues

Getting Data

IF

List of Linked Issues



getValues()

displaying the result on the screen

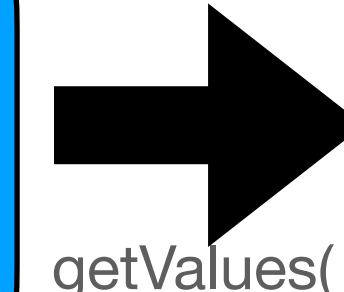
No input parameters

List of Linked Issues



Collect Issues with Status

List of Linked Issues with Status

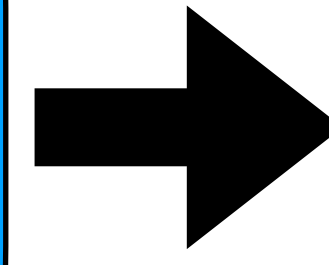


getValues()

displaying the result on the screen

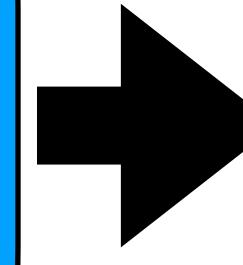
Status

List of Linked Issues



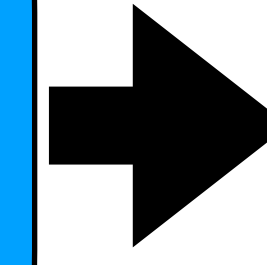
Collect Issues with Status

List of Linked Issues with Status



Collect Issues with Link type

List of Linked Issues with Status and Inward Link type

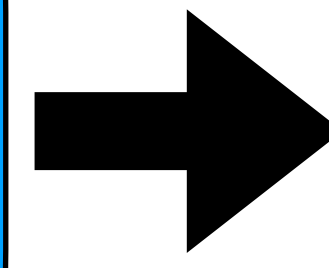


getValues()

displaying the result on the screen

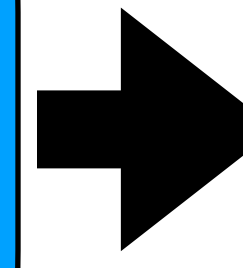
Status + Inward link

List of Linked Issues



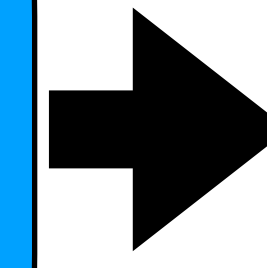
Collect Issues with Status

List of Linked Issues with Status



Collect Issues with Link type

List of Linked Issues with Status and Outward Link type



getValues()

displaying the result on the screen

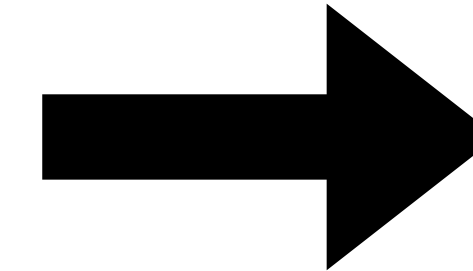
Status + Outward link

Plugin scheme. No input parameters.

Function call

- Getting all Issues from DB
- Getting full list of Statuses
- Getting full list of Link Types

List of Linked Issues

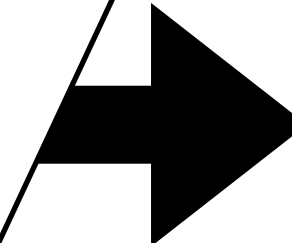


getValues()

displaying the result on the screen

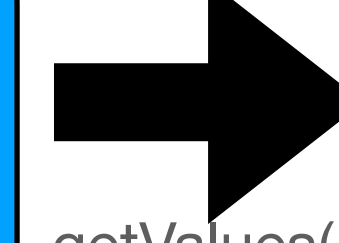
No input parameters

List of Linked Issues



Collect Issues with Status

List of Linked Issues with Status

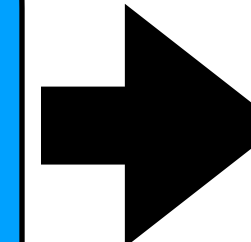


getValues()

displaying the result on the screen

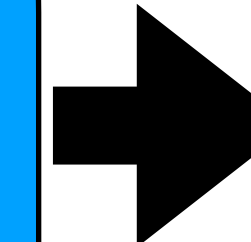
Status

List of Linked Issues with Status



Collect Issues with Link type

List of Linked Issues with Status and Inward Link type

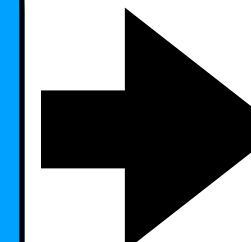


getValues()

displaying the result on the screen

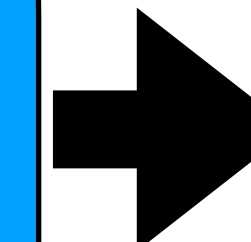
Status + Inward link

List of Linked Issues with Status



Collect Issues with Link type

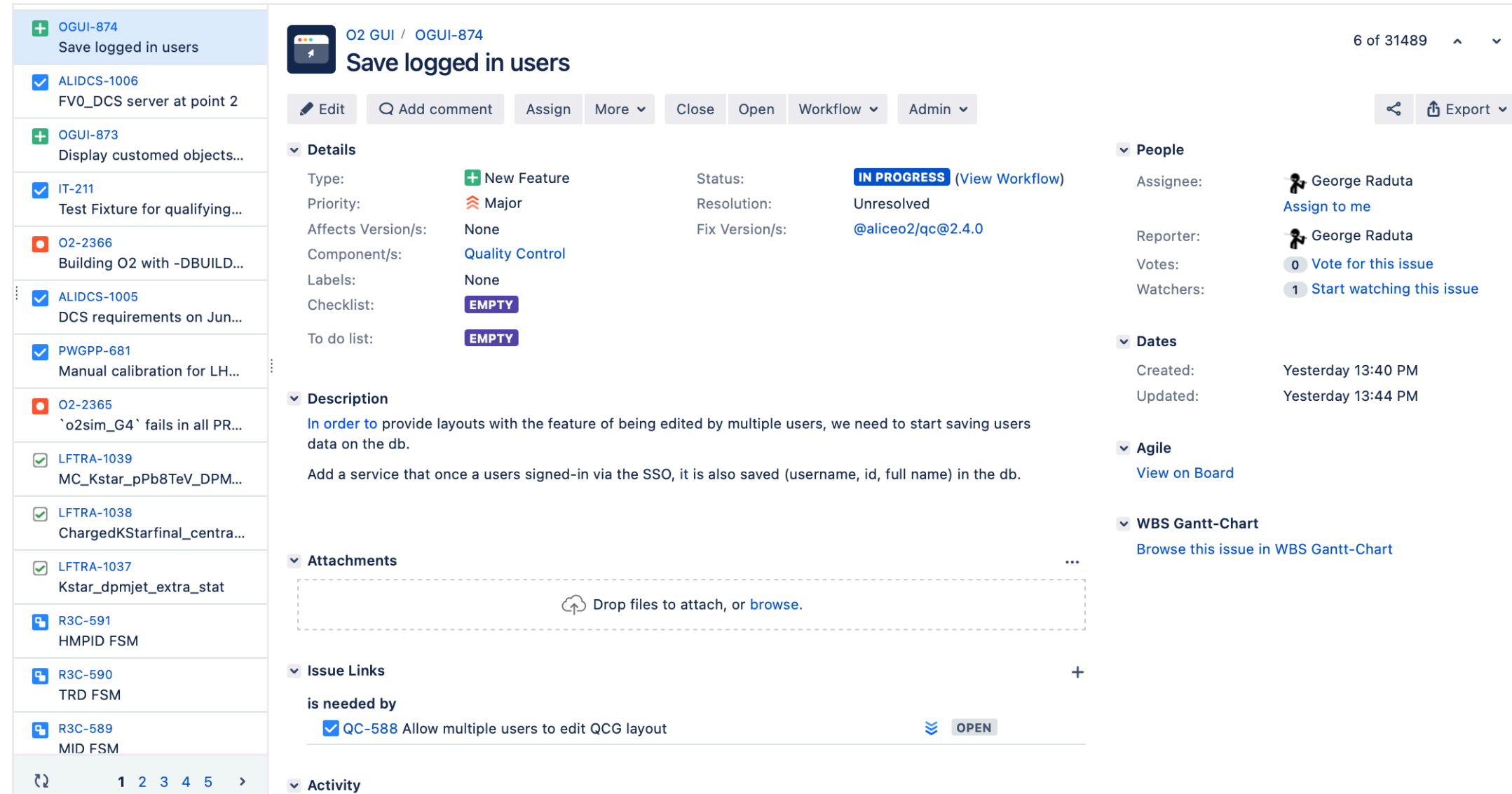
List of Linked Issues with Status and Outward Link type



getValues()

displaying the result on the screen

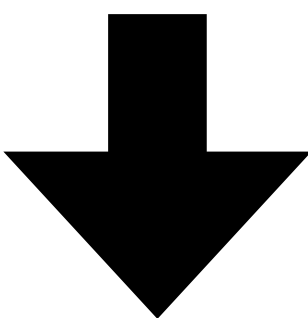
Status + Outward link



Getting Data

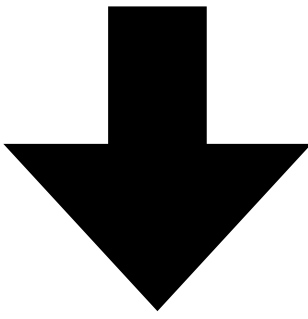
Plugin scheme. Input parameters.Status(1/2).

Function call



- Getting all Issues from DB
- Getting full list of Statuses
- Getting full list of Link Types

- Full list of Issues with Statuses and Link Types(if it has)
- List of Statuses
- List of Link Types



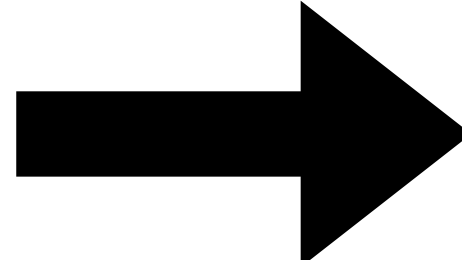
Getting List of Linked Issues

List of Linked Issues

Getting Data

IF

List of Linked Issues

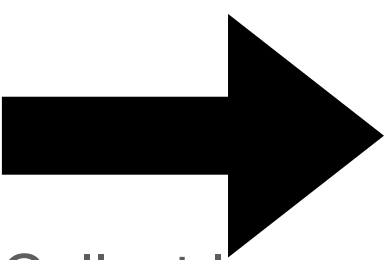


getValues()

displaying the result on the screen

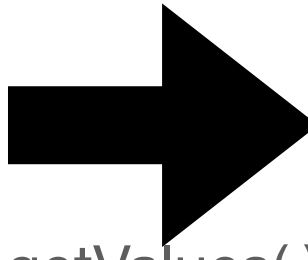
No input parameters

List of Linked Issues



Collect Issues with Status

List of Linked Issues with Status



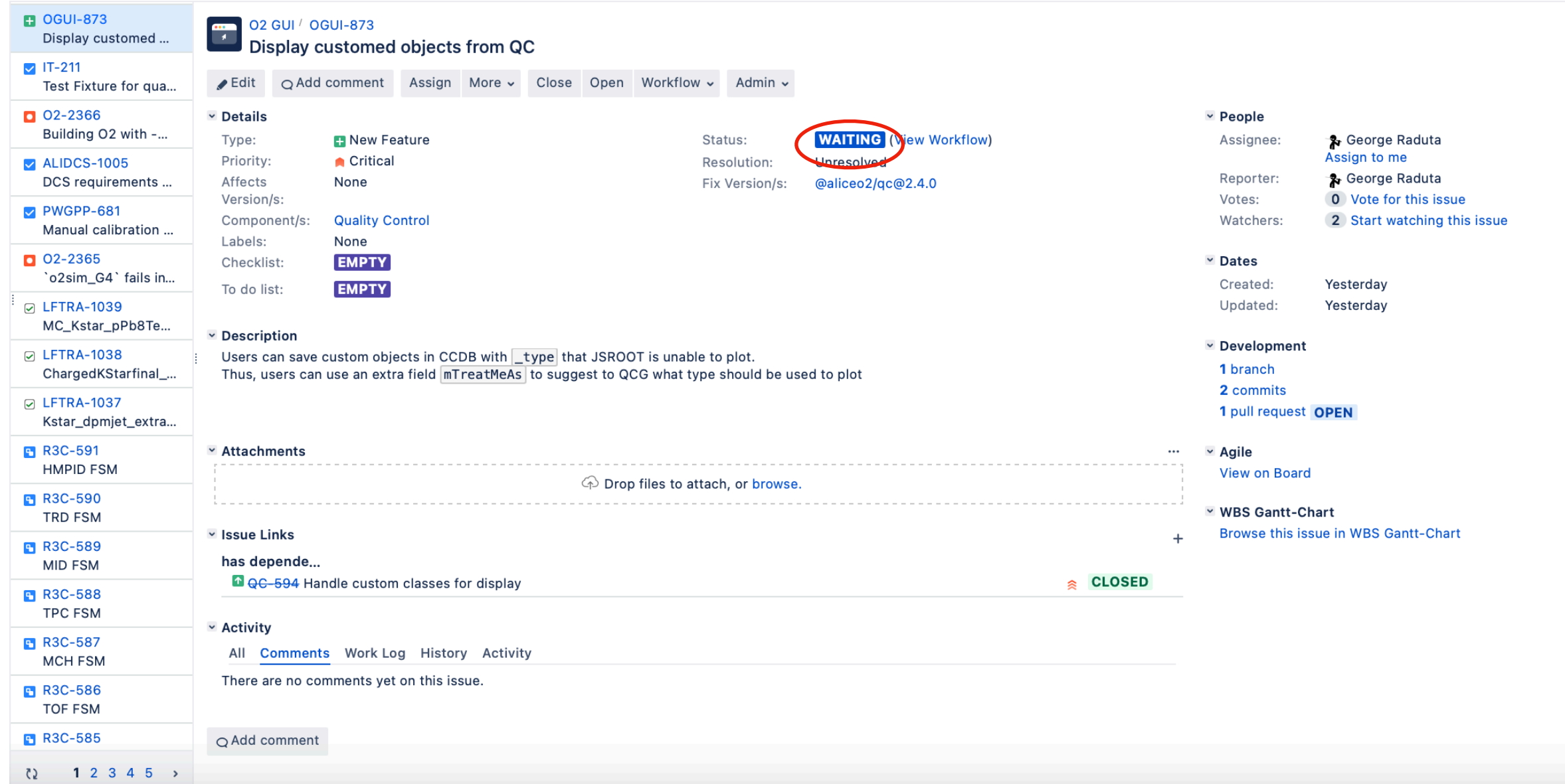
getValues()

displaying the result on the screen

Status

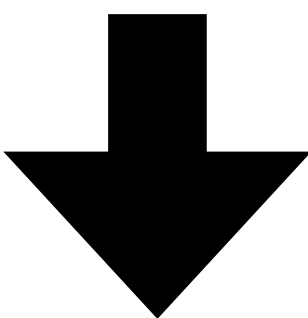
List of Linked Issues

List of Linked Issues



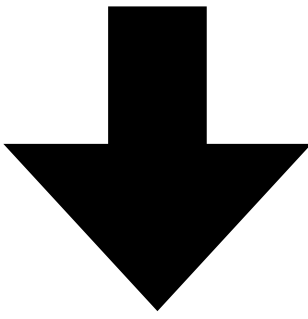
Plugin scheme. Input parameters.Status(2/2).

Function call



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- Getting full list of Link Types

- Full list of Issues with Statuses and Link Types(if it has)
- List of Statuses
- List of Link Types



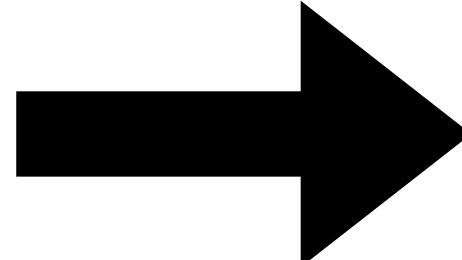
Getting List of Linked Issues

List of Linked Issues

Getting Data

IF

List of Linked Issues

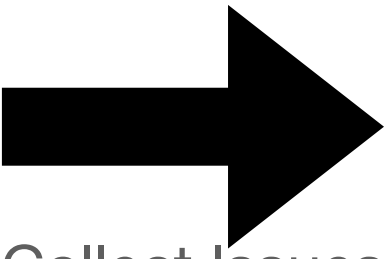


getValues()

displaying the result on the screen

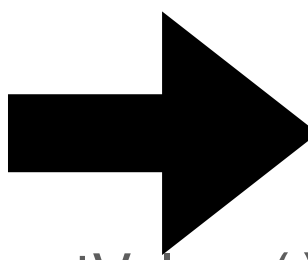
No input parameters

List of Linked Issues



Collect Issues with Status

List of Linked Issues with Status



getValues()

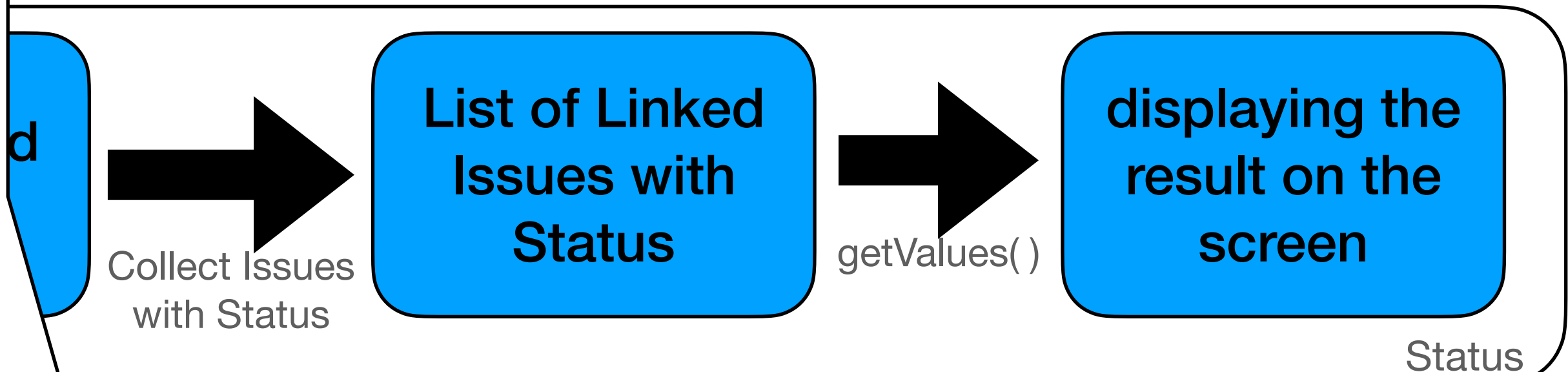
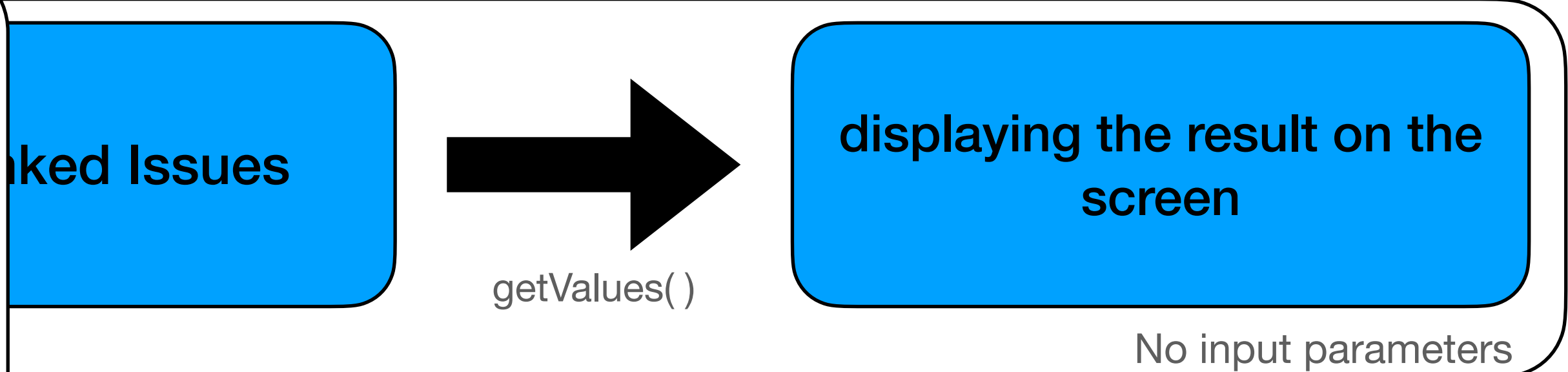
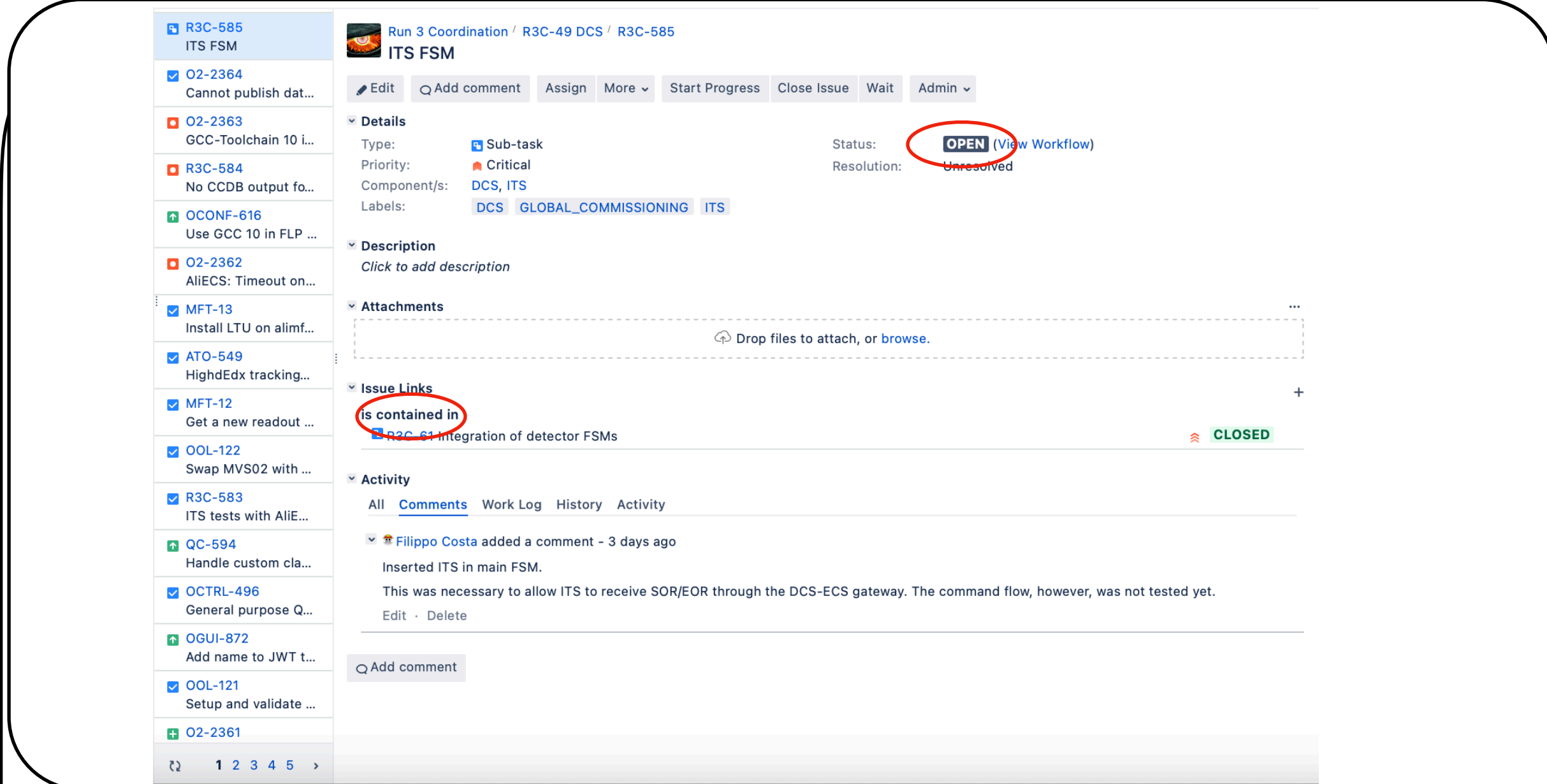
displaying the result on the screen

Status

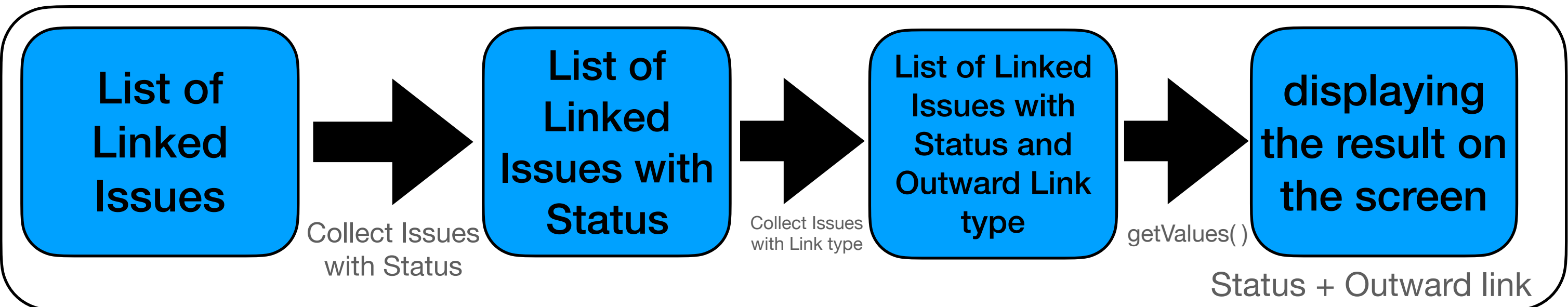
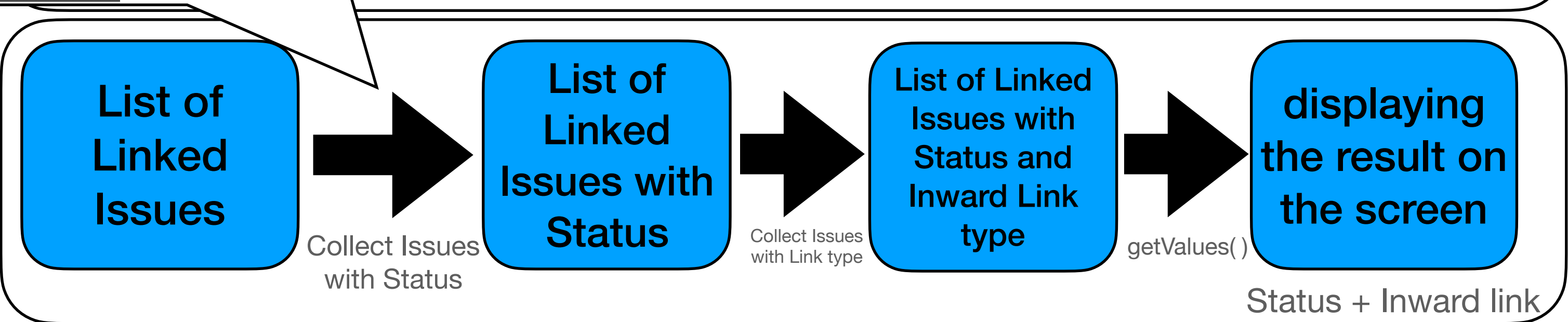
List of Linked Issues

List of Linked Issues

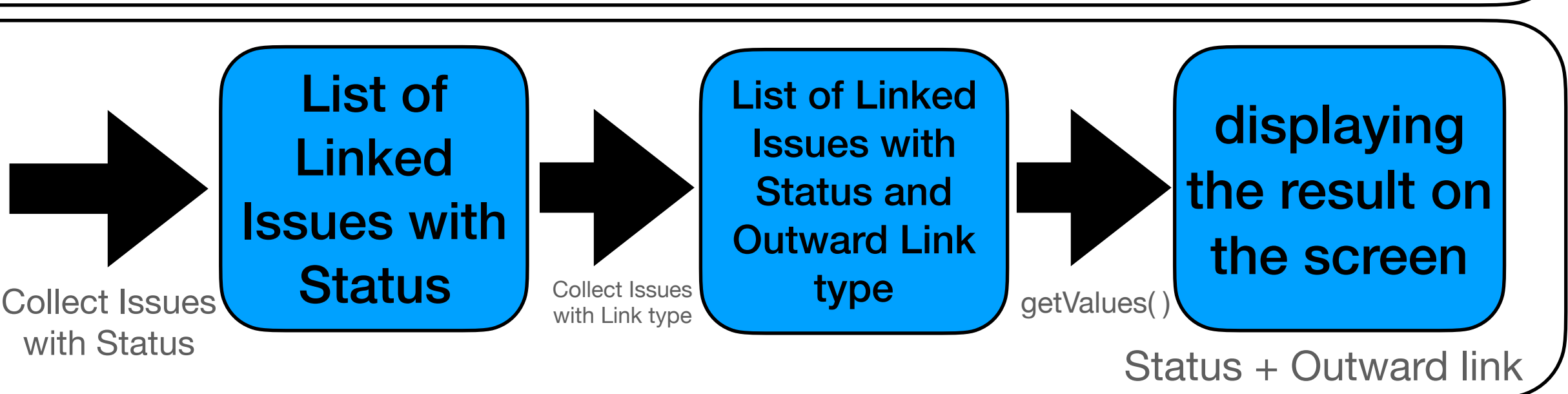
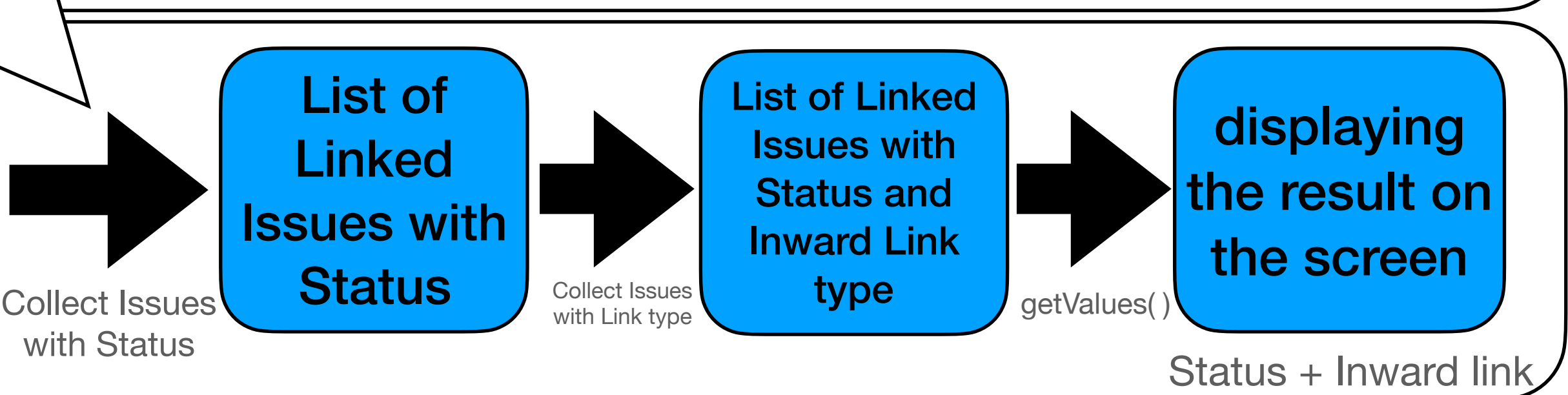
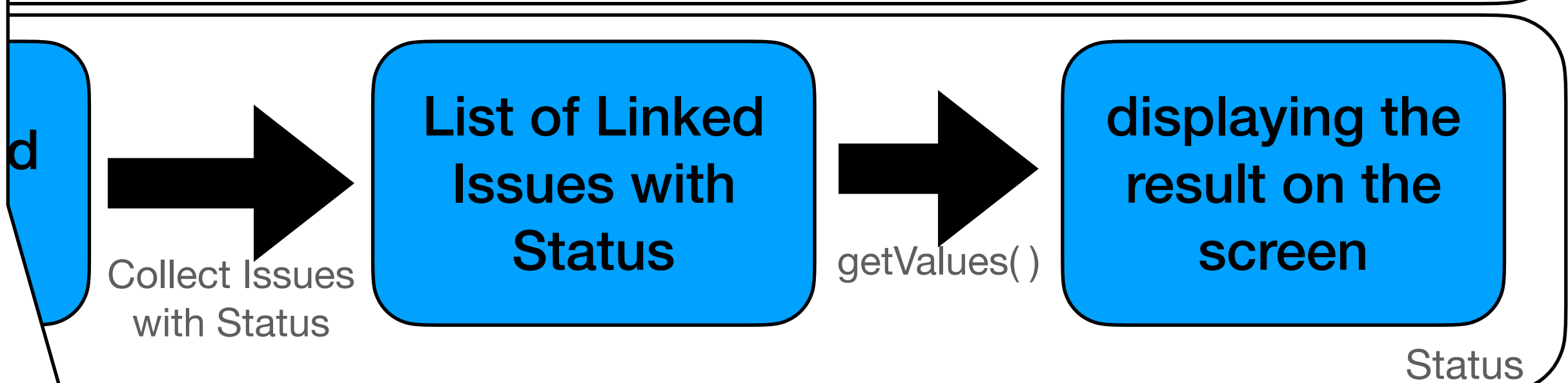
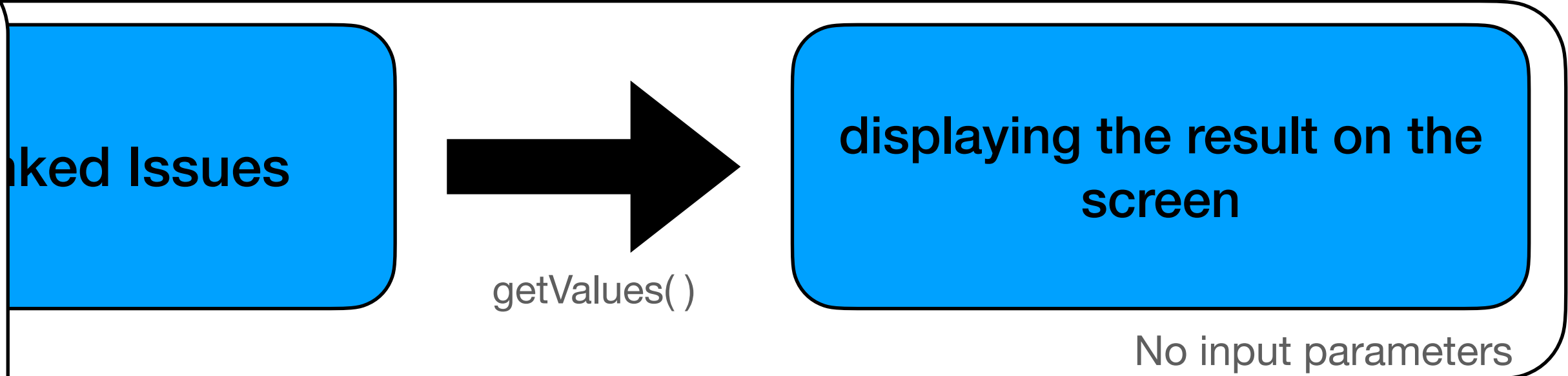
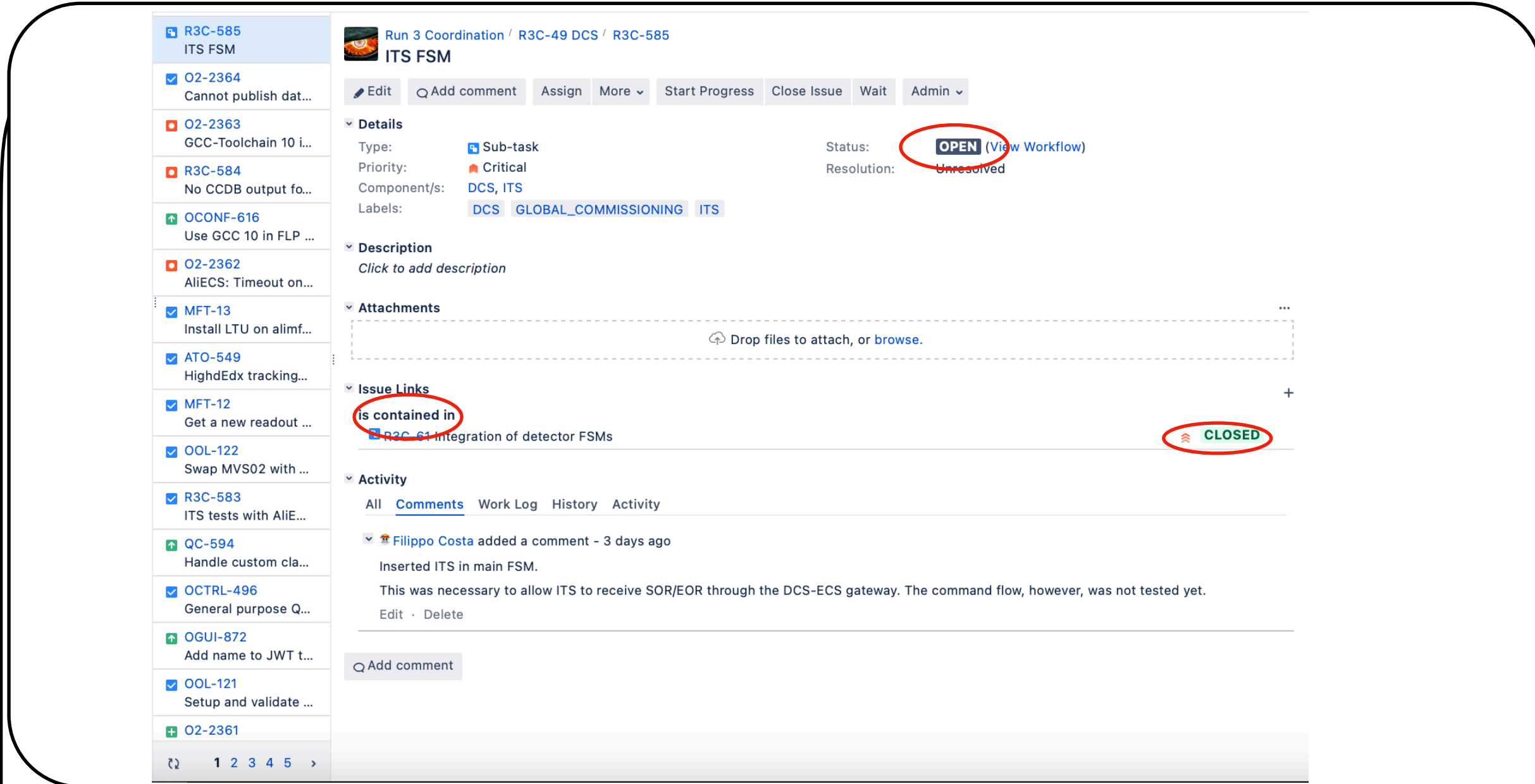
Plugin scheme. Input parameters.Status & Inward link(1/2).



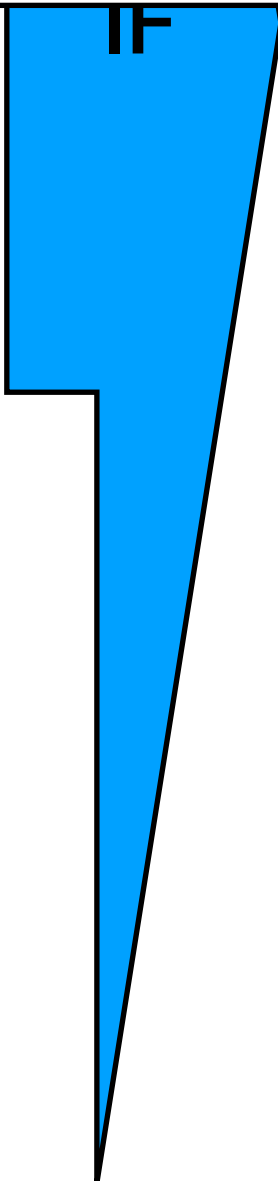
- with Statuses and Link Types(if it has)
- List of Statuses
 - List of Link Types



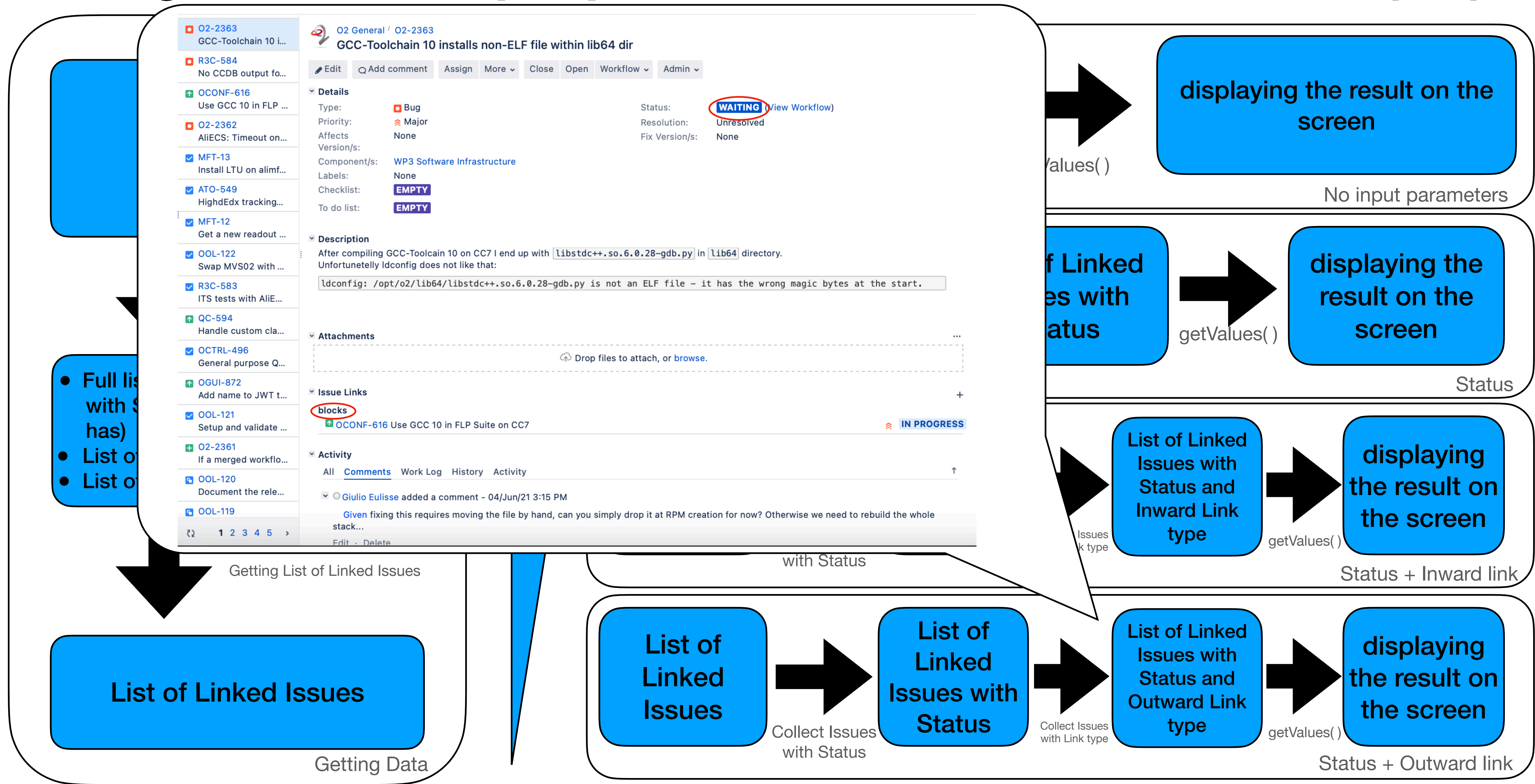
Plugin scheme. Input parameters.Status & Inward link(2/2).



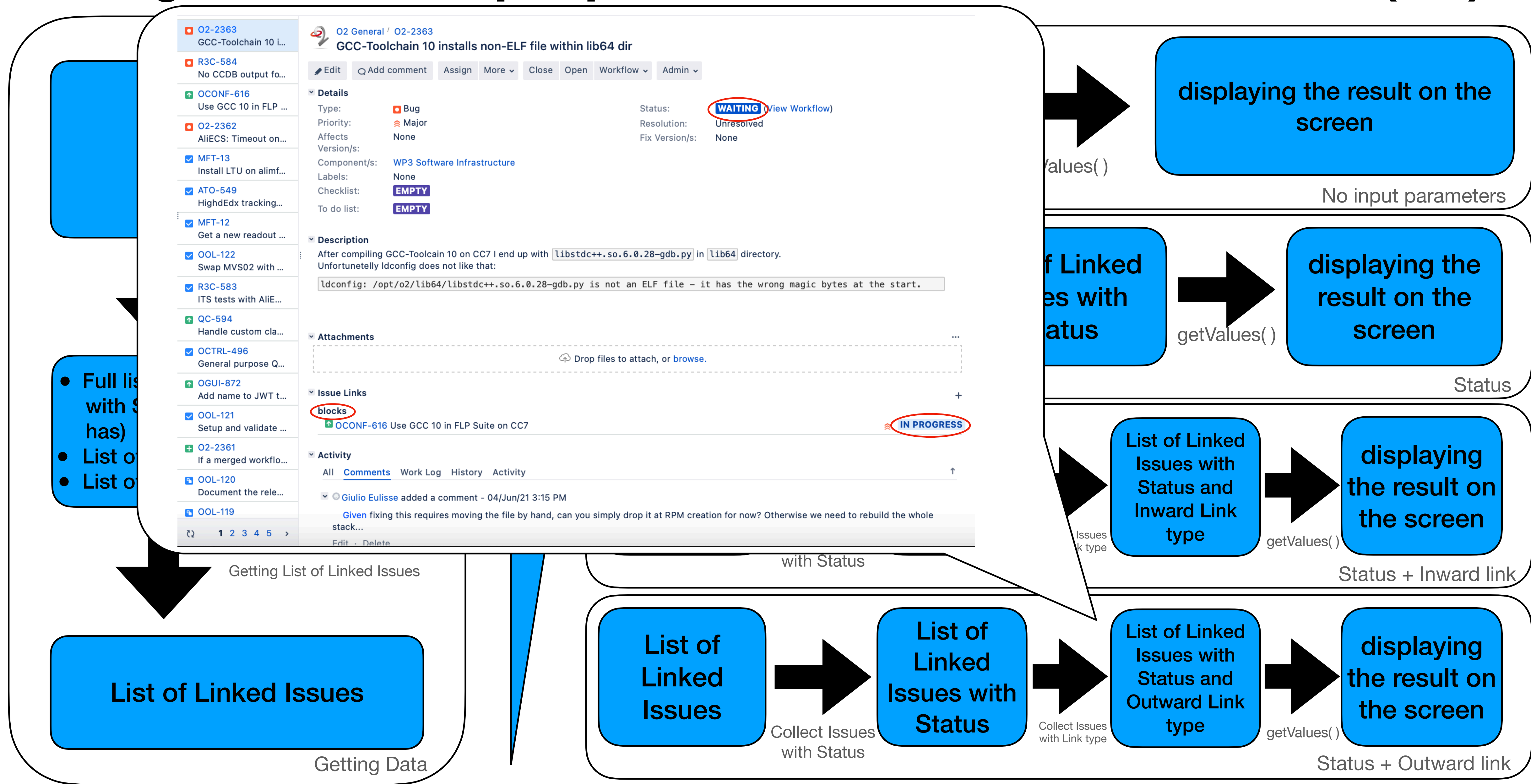
- with Statuses and Link Types(if it has)
- List of Statuses
 - List of Link Types



Plugin scheme. Input parameters.Status & Outward link(1/2).



Plugin scheme. Input parameters.Status & Outward link(2/2).



Results and future plans

- LinkedIssuesHasStatus were developed, implemented and tested on develop instance
- Based on logs the following results were obtained:
 - the developed plugin is workable
 - no errors were found while the plugin was running
- integrate the plugin into the production instance
- update plugin
- identify and correct errors

**Thank you for your attention.
Questions?**