PMFASTRICK EDUCATION SERVICES PRIVATE LIMITED

A Practical Agile Project Management JIRA Tool

By PMFASTRICK®

A Practical Guide to JIRA Tool
v.0.1
Part 2

PROJECT MANAGEMENT FASTRICK
success delivered

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Introduction

- Name
- Experience
- Current Organization
- Expectation from Training

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Trainer Introduction

- Name
- Teaching Experience
- Industry Experience

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Introduction to JIRA Tool

Chapter – 2

JIRA Understanding

PMFASTRICK® Learning Space

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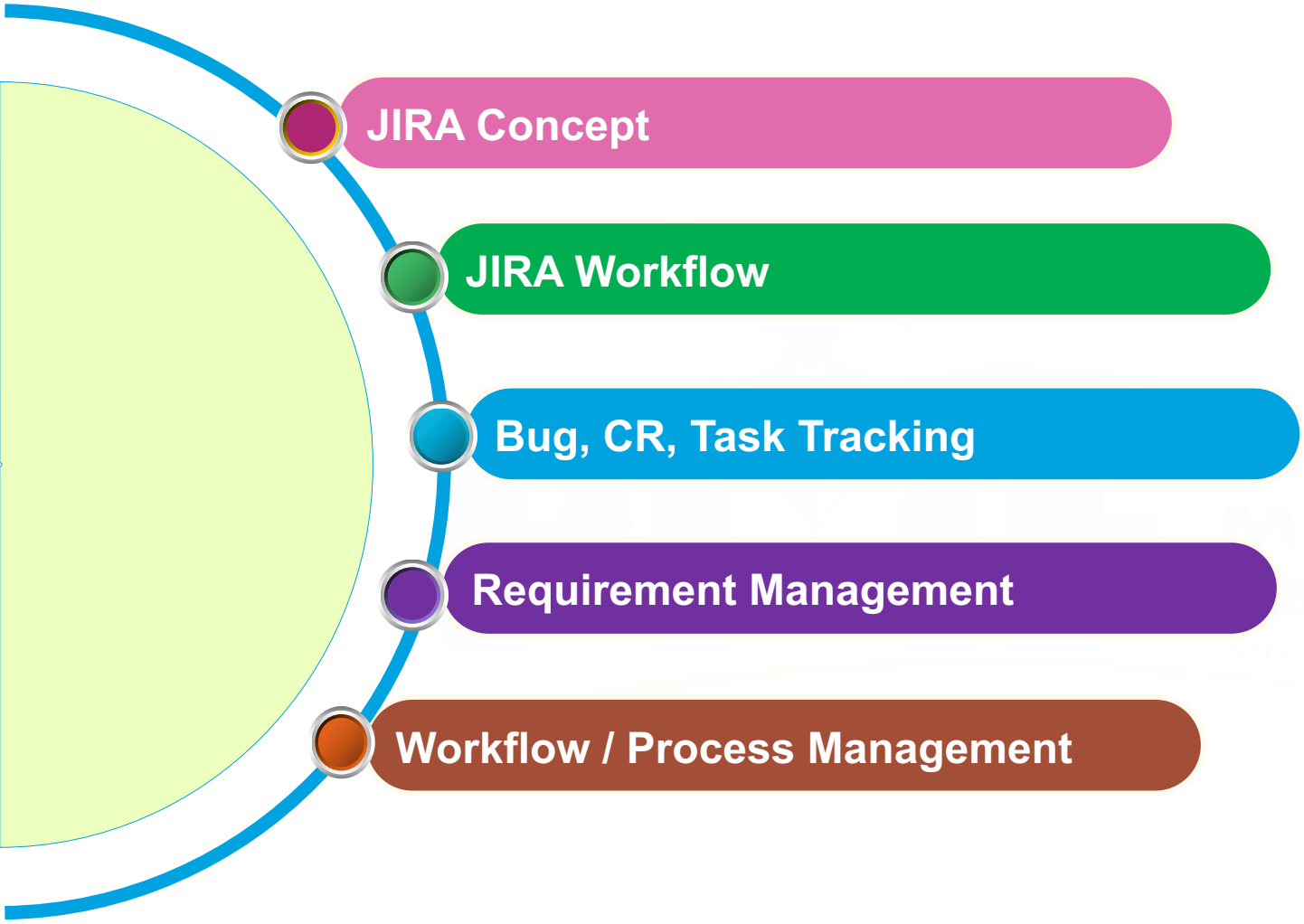
Learning Outcomes



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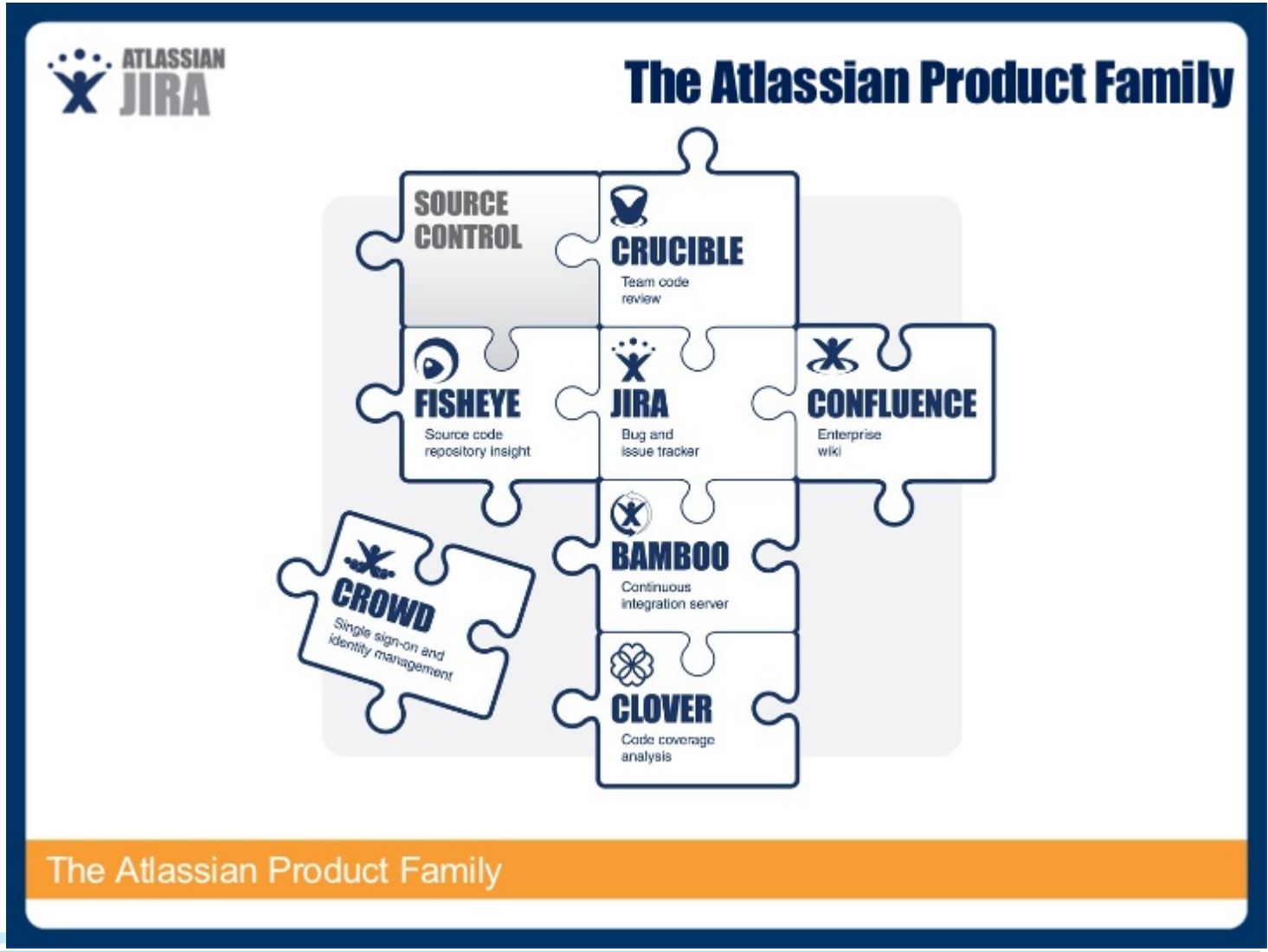
Introduction to JIRA

- Created by Atlassian Company
- Visit https://www.atlassian.com
- Total 11 Products
  - JIRA Software: Plan, Track & Release software
  - JIRA Service Desk: Support in incident tracking
  - JIRA Core: Marketing + Operations + HR + Legal + Finance
  - Confluence: organizing documents (Similar to Wiki)
  - HipChat: Share ideas & chats, group chat rooms
  - Bamboo: Continuous Integration, Deployment & Release Management
  - Clover: Test optimization
  - FishEye: Search / monitor source repository
  - Crucible: Code quality / Code Review



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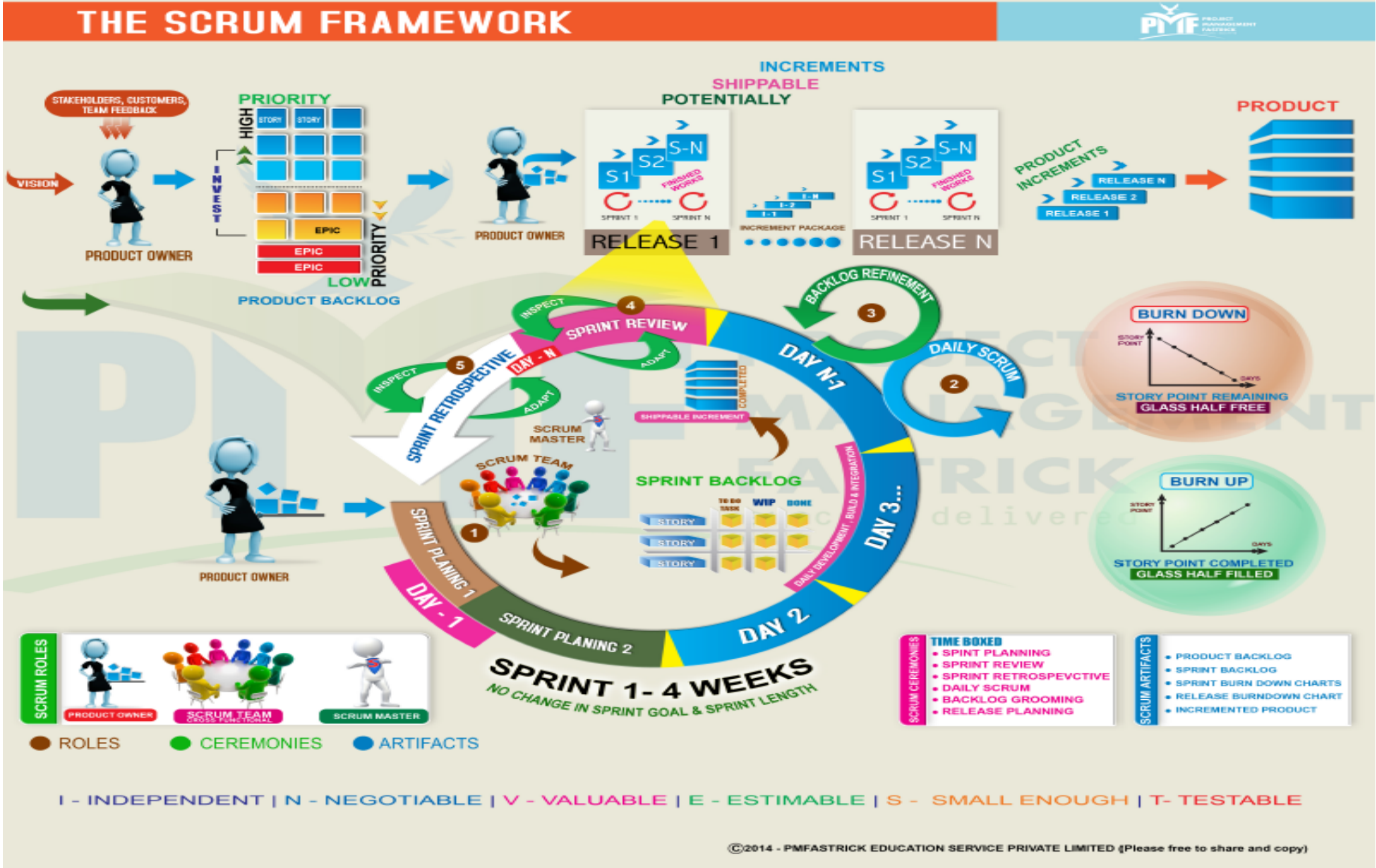
Agile - Scrum


THE SCRUM FRAMEWORK
STAKEHOLDERS, CUSTOMERS, TEAM FEEDBACK
VISION
PRODUCT OWNER
PRIORITY
HIGH
STORY
STORY
INVEST
EPIC
EPIC
EPIC
LOW
PRIORITY
PRODUCT BACKLOG
PRODUCT OWNER
INCREMENTS
SHIPPABLE
POTENTIALLY
S1
S2
S-N
FINISHED WORKS
SPRINT 1
SPRINT N
RELEASE 1
INCREMENT PACKAGE
RELEASE N
PRODUCT INCREMENTS
RELEASE N
RELEASE 2
RELEASE 1
PRODUCT
BACKLOG REFINEMENT
3
DAILY SCRUM
2
INSPECT
4
SPRINT REVIEW
ADAPT
DAY N-1
DAY - N
INSPECT
5
SPRINT RETROSPECTIVE
ADAPT
SCRUM MASTER
SCRUM TEAM
SHIPPABLE INCREMENT
COMPLETED
SPRINT BACKLOG
TO DO TASK
WIP
DONE
STORY
STORY
STORY
DAILY DEVELOPMENT, BUILD & INTEGRATION
DAY 3...
DAY 2
SPRINT PLANING 1
1
DAY - 1
SPRINT PLANING 2
PRODUCT OWNER
SPRINT 1- 4 WEEKS
NO CHANGE IN SPRINT GOAL & SPRINT LENGTH
BURN DOWN
STORY POINT
DAYS
STORY POINT REMAINING
GLASS HALF FREE
BURN UP
STORY POINT
DAYS
STORY POINT COMPLETED
GLASS HALF FILLED
SCRUM ROLES
PRODUCT OWNER
SCRUM TEAM
CROSS FUNCTIONAL
SCRUM MASTER
SCRUM CEREMONIES
TIME BOXED
• SPINT PLANNING
• SPRINT REVIEW
• SPRINT RETROSPEVCTIVE
• DAILY SCRUM
• BACKLOG GROOMING
• RELEASE PLANNING
SCRUM ARTIFACTS
• PRODUCT BACKLOG
• SPRINT BACKLOG
• SPRINT BURN DOWN CHARTS
• RELEASE BURNDOWN CHART
• INCREMENTED PRODUCT
ROLES
CEREMONIES
ARTIFACTS
I - INDEPENDENT | N - NEGOTIABLE | V - VALUABLE | E - ESTIMABLE | S - SMALL ENOUGH | T- TESTABLE
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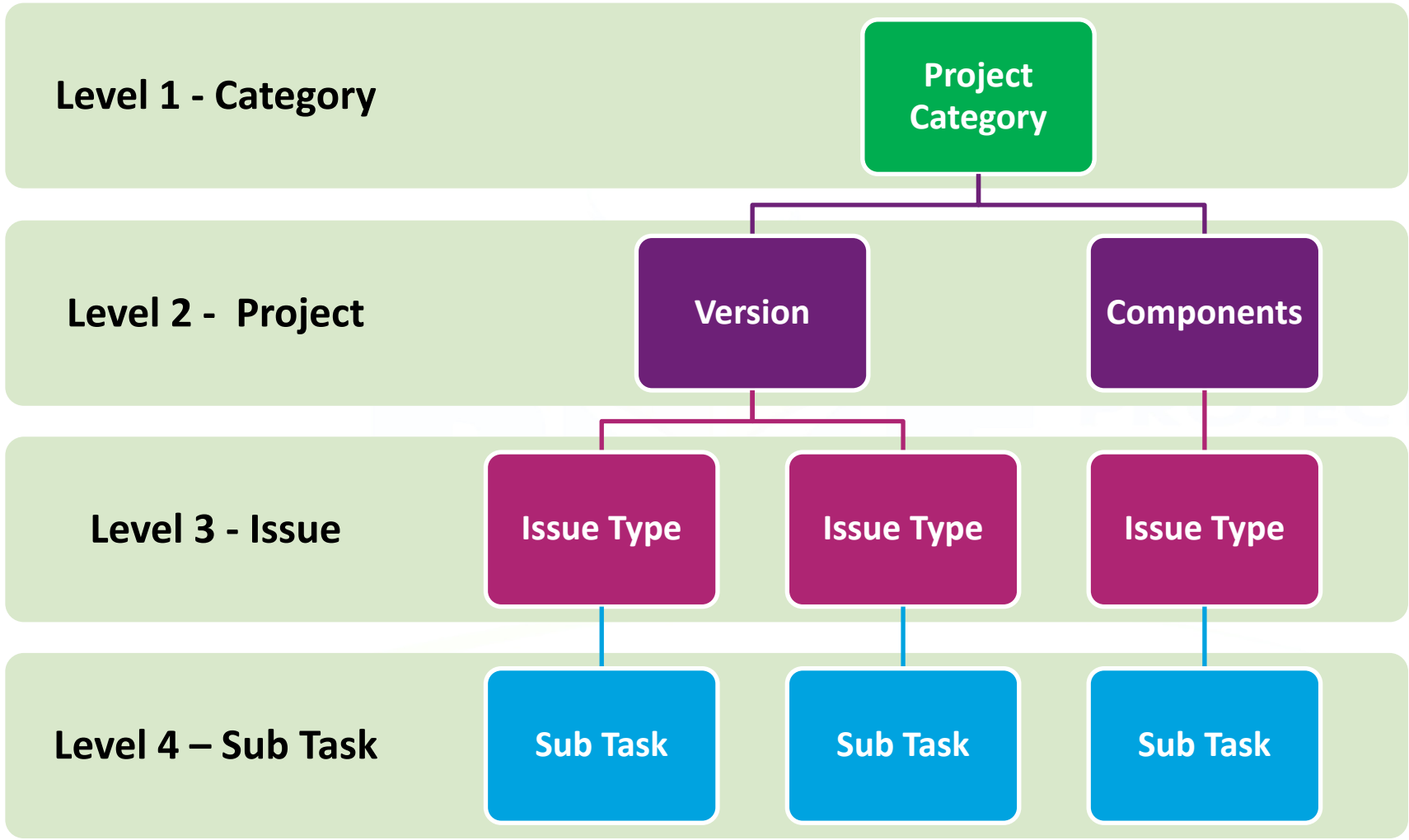
JIRA Concept: Project, Issues & Sub Tasks



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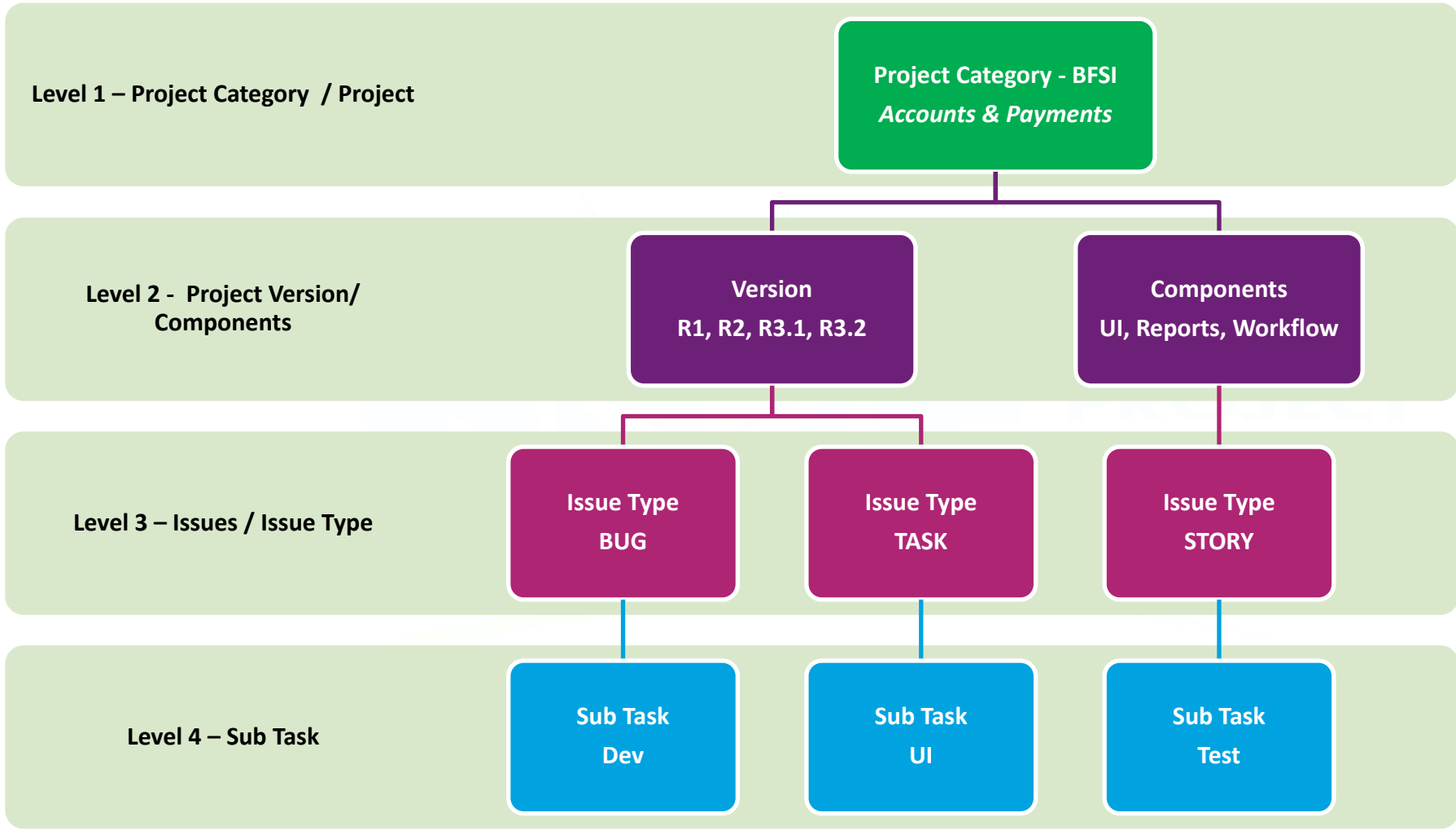
Example – A BFSI software development Project



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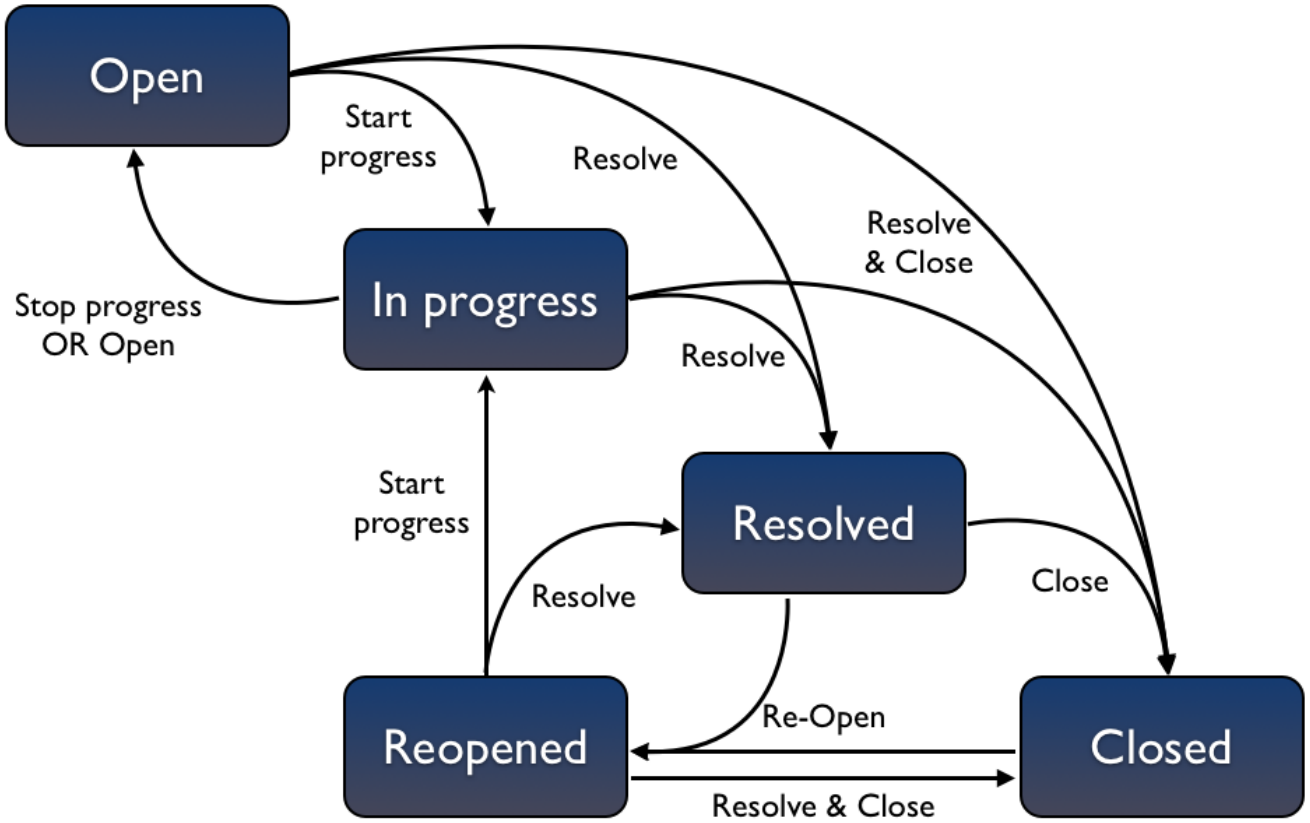
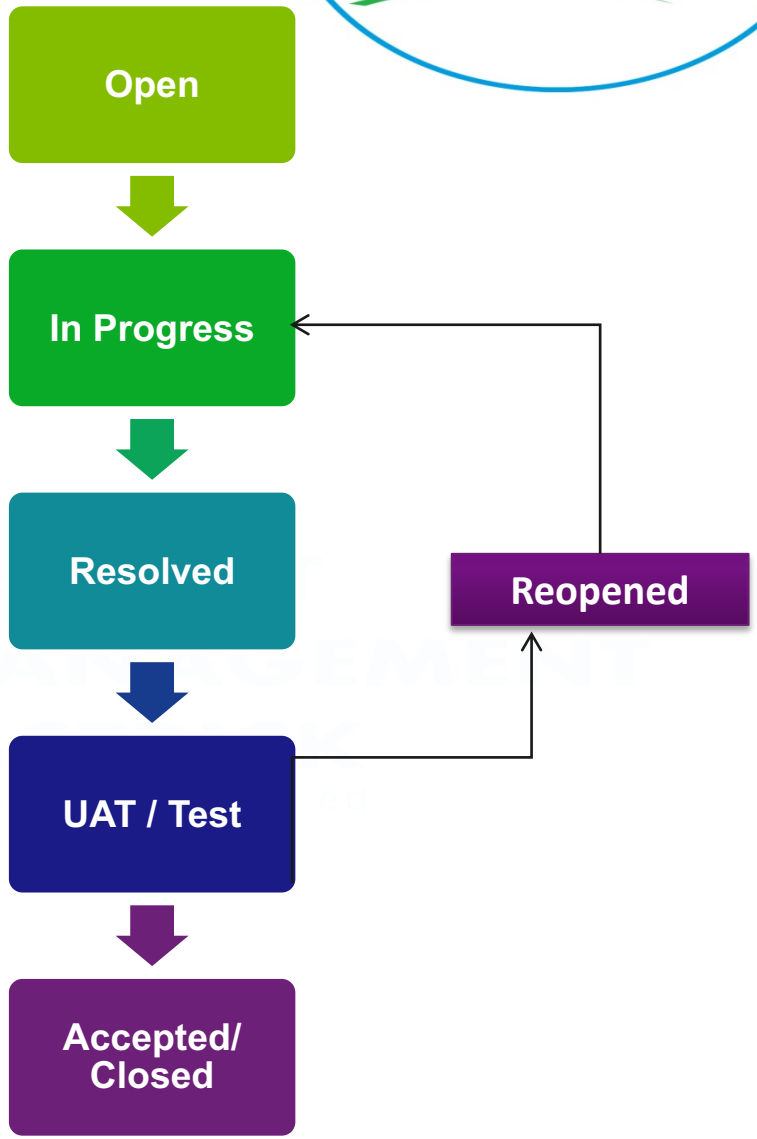
Customizable JIRA Workflow





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What is a task?

Develop an application?
Doing a POC?
Preparing a case study?

TASK

- **Activities > 30 min & < 3 Days**
- **A smallest possible activity**
- **UI activities**
- **Documenting**
- **Performance improvement 30%**

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Task waiting is a challenge…

I am waiting to publish the document as review is still pending

- *Prepare Document Draft*
- *Review the draft document*
- *Revise*
- *Publish*

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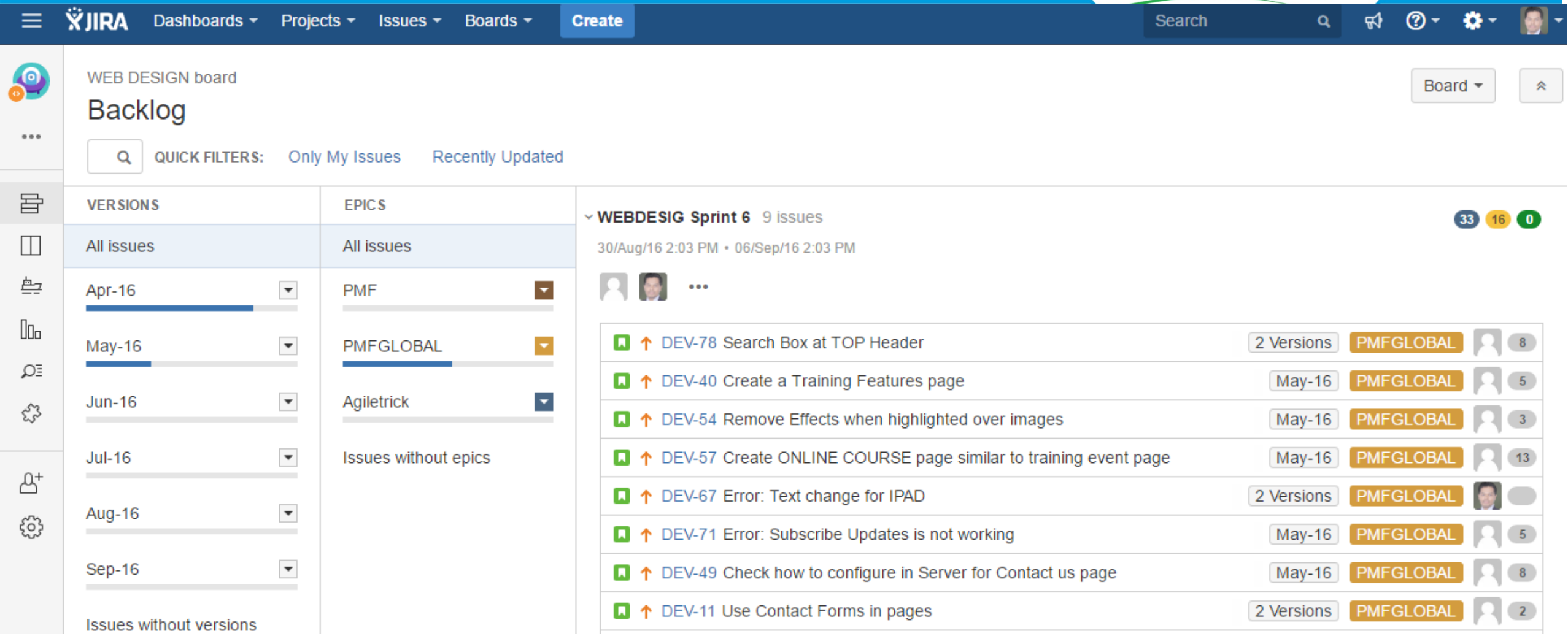
JIRA in Plan Mode



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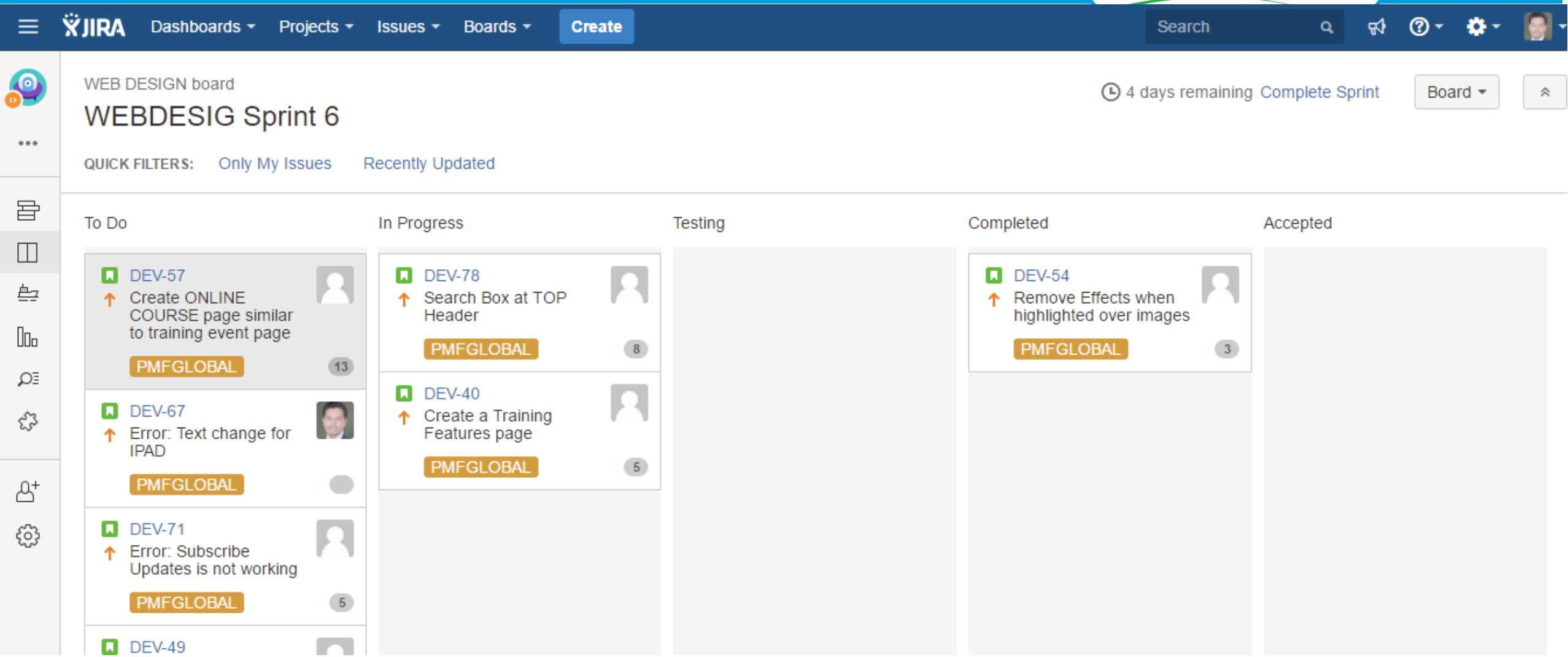
JIRA in Work Mode



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JIRA Dashboard

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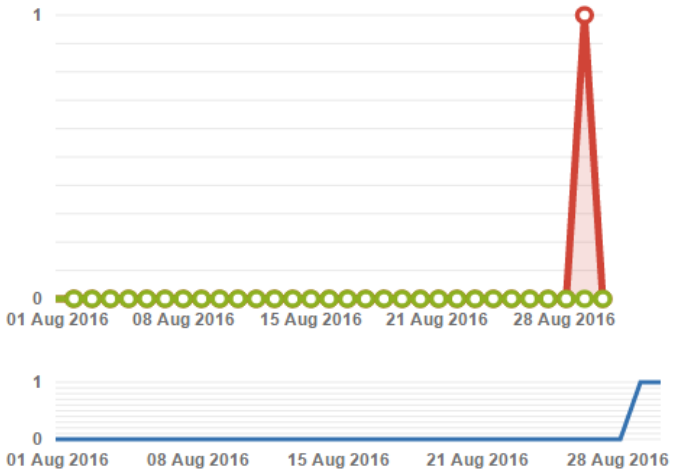
Created vs. Resolved Chart: Web Development



Issues in the last 30 days (grouped daily) View in Issue navigator

- Created issues (1)
- Resolved issues (0)

JIRA Road Map: Next 30 Days (Until 29/Sep/16)

Web Development : Apr-16 April 2016	30/Apr/16	28 of 35 issues resolved.
Web Development : May-16 May 2016	31/May/16	10 of 32 issues resolved.
Web Development : Jun-16 June 2016	30/Jun/16	0 of 11 issues resolved.
Web Development : Jul-16 July 2016	31/Jul/16	No issues.
To Do List : July Release July Release	31/Jul/16	No issues.
Web Development : Aug-16 August 2016	31/Aug/16	No issues.
BBH Jira Demo 1 : Release 1 Demo Release	09/Sep/16	2 of 6 issues resolved.
BBH Jira Demo 1 : Release 2 Demo 2	16/Sep/16	0 of 1 issues resolved.

Sprint Health Gadget

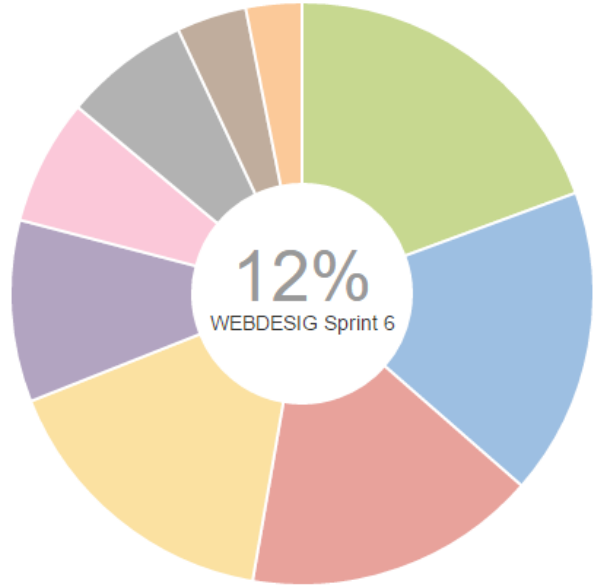
WEBDESIG Sprint 1 - WEB DESIGN board

Overall sprint progress (Story Points) 0 days left

100 %	84 %	0%	0	0
Time elapsed	Work complete	Scope change	Highest	Flagged

Assignees in Sprint

Pie Chart: Web Development



Sprint
Total Issues: **75**

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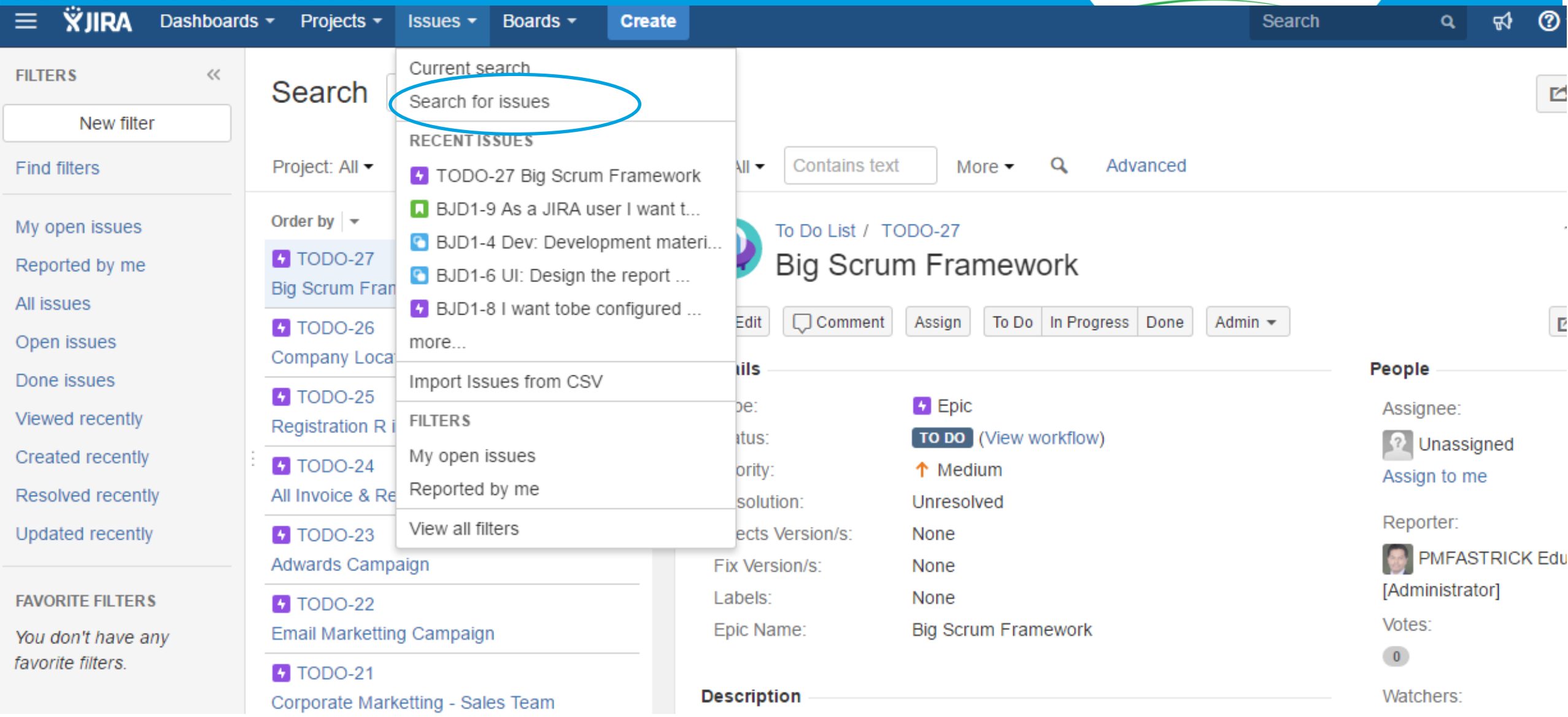
Search for an issue



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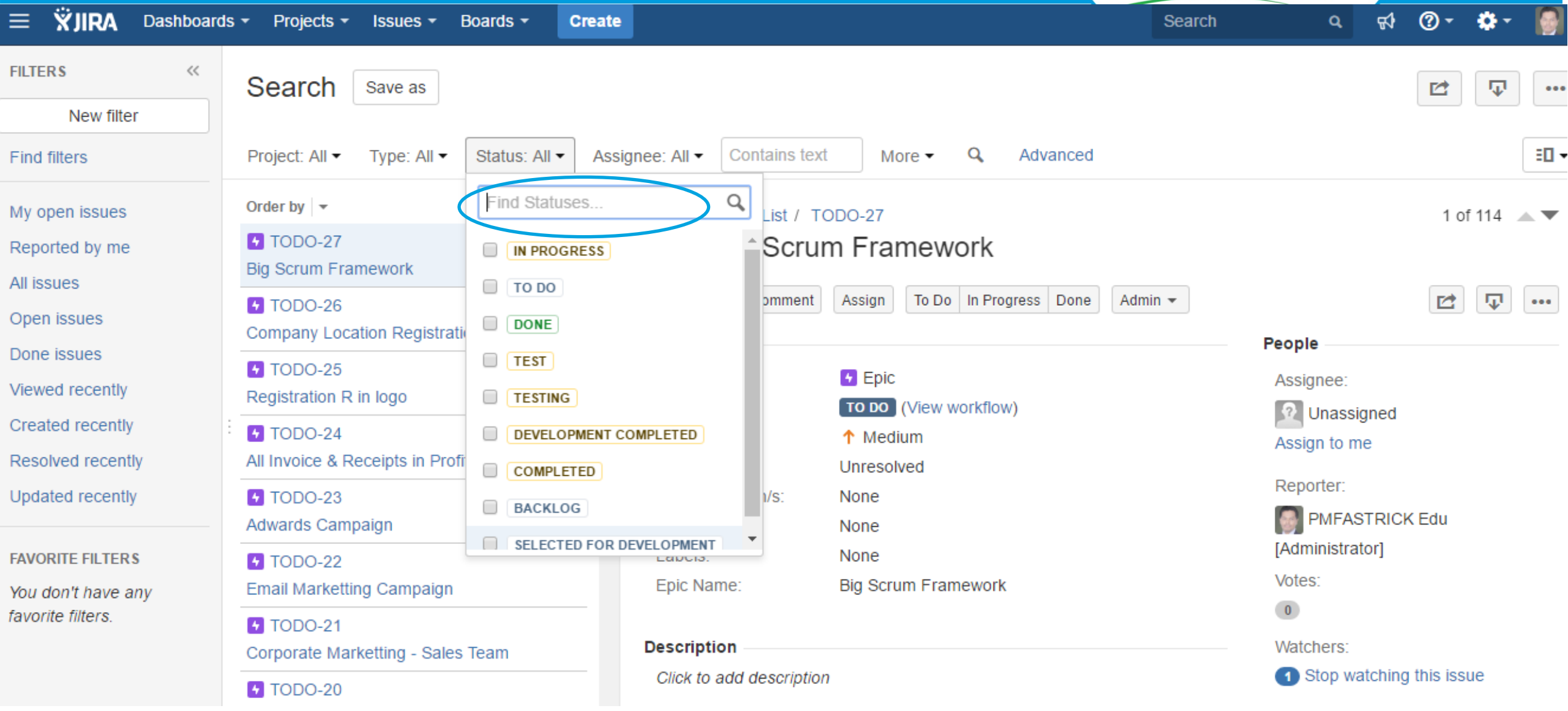
Select Statuses



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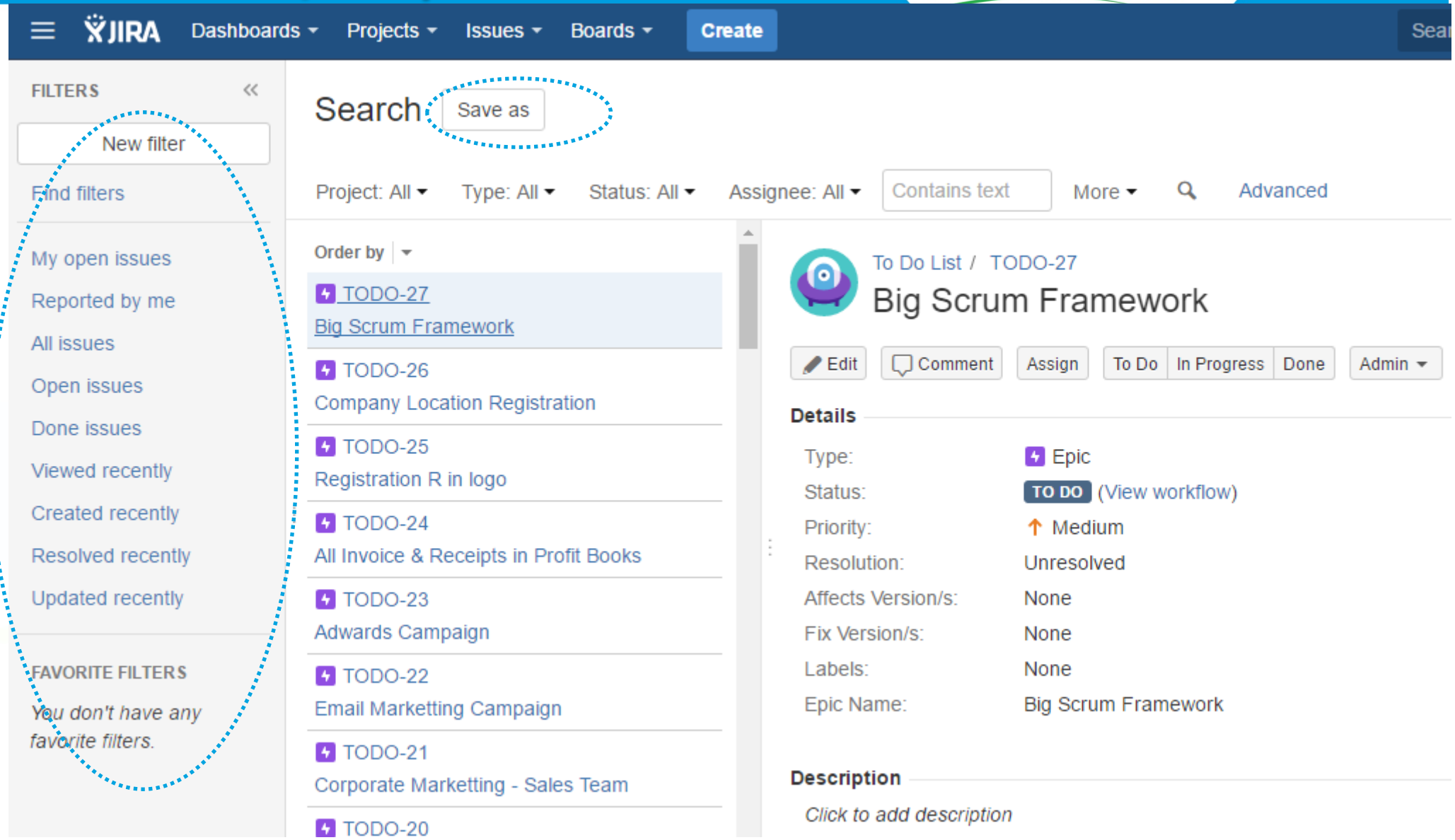
How to create a filter in JIRA / Simple Search?



Simple Search

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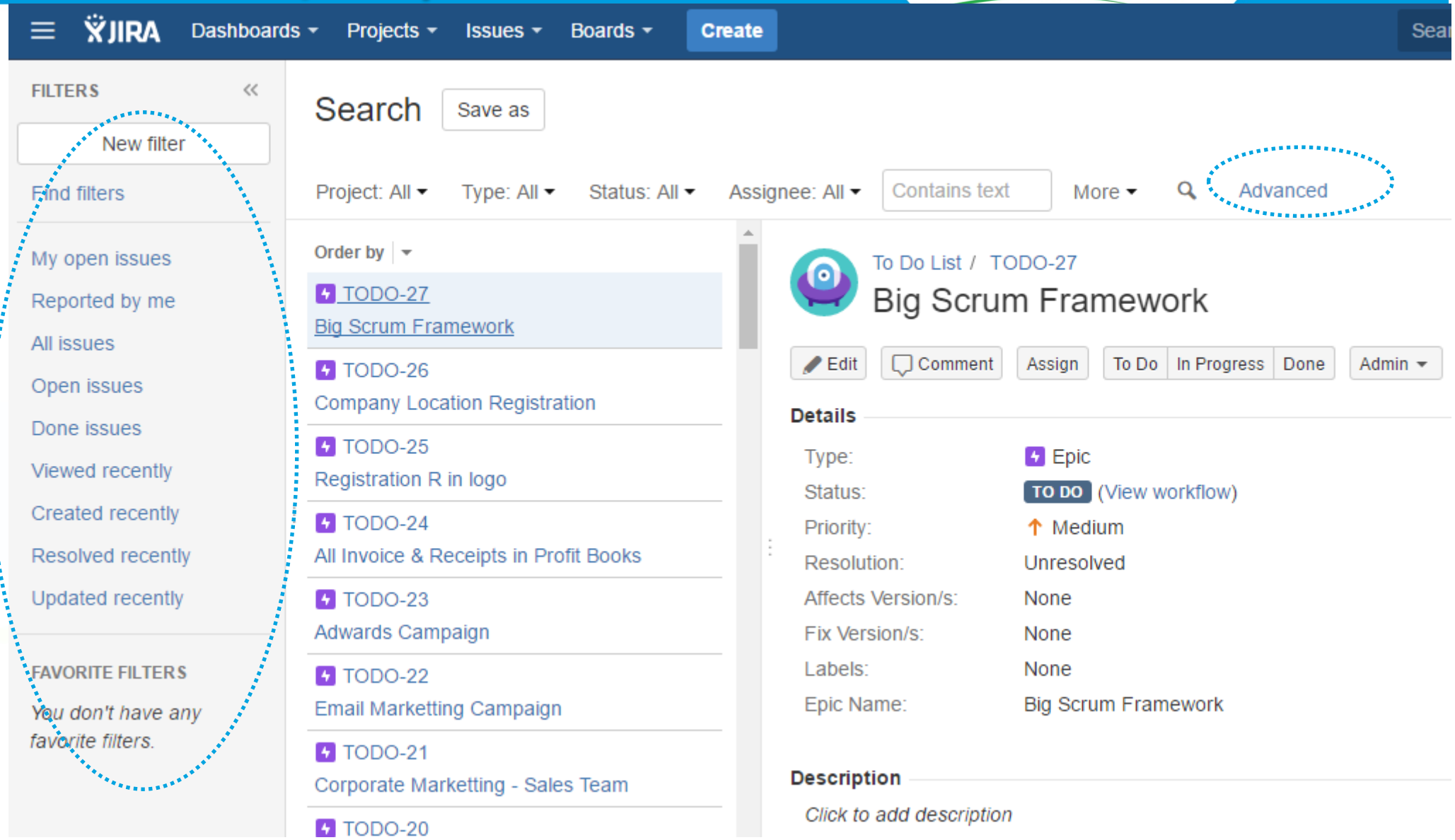
How to create a filter in JIRA / Simple Search?



Simple Search

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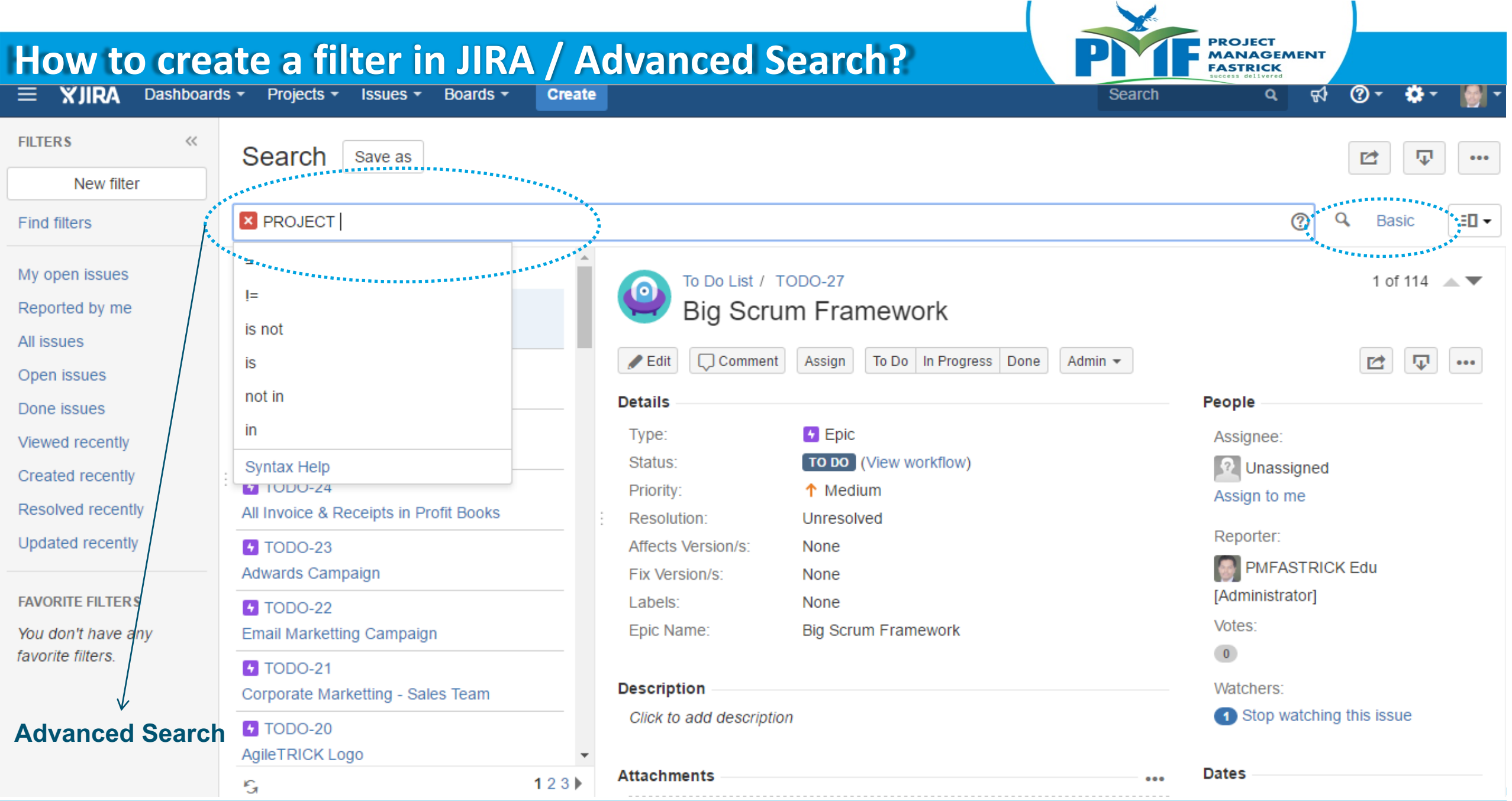
How to create a filter in JIRA / Advanced Search?



Advanced Search

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Advanced Search

Advanced search uses structure queries.
This Language also called as JQL – JIRA Query Language

Examples:
Project = "BBH Jira Demo 1 "
And Status = "In Progress"
And Priority = Low
And remainingEstimate > 2h

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User Story representation

"As a <role>, I want <goal/desire> so that <benefit/ Impact>"

As a

< Who wants this piece of functionality >

I want

< What the user wants >

So that

< Why the user wants it >

Story 1 Example:
As a librarian, I want to be able to search for books by publication year so that I can easily track specific books.

Story 2 Example:
As an employee, I want to purchase a parking pass so that I can park my vehicle safely in the basement and save money.

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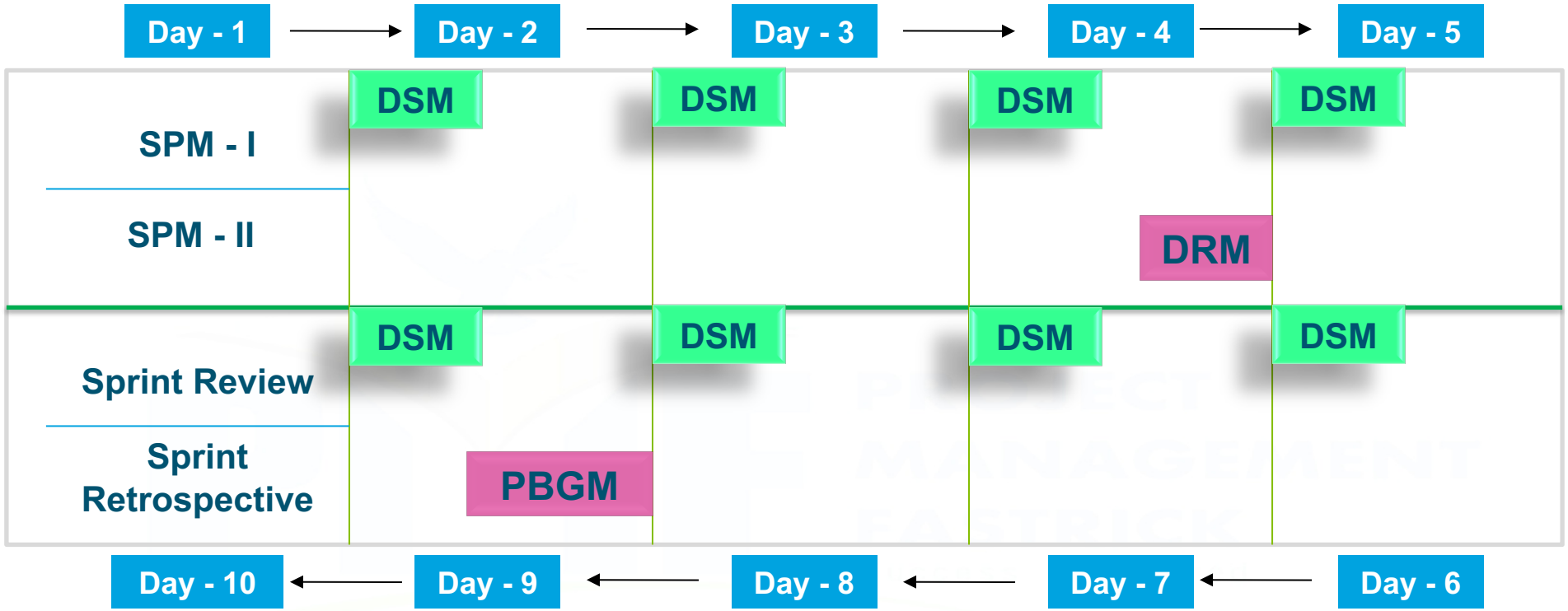
Sprint Inside - 2 Week Example



DSM : Daily Standup Meeting
SPM I : Sprint Planning Meeting first part
SPM II : Sprint Planning Meeting second part

DRM : Dependency Review Meeting
PBGM: Product Backlog Grooming Meeting

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Any Questions?

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