



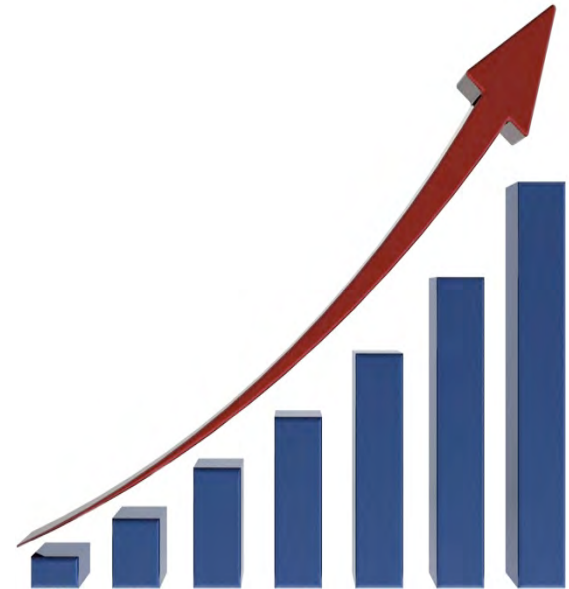
JIRA Dashboarding Course

Objectives

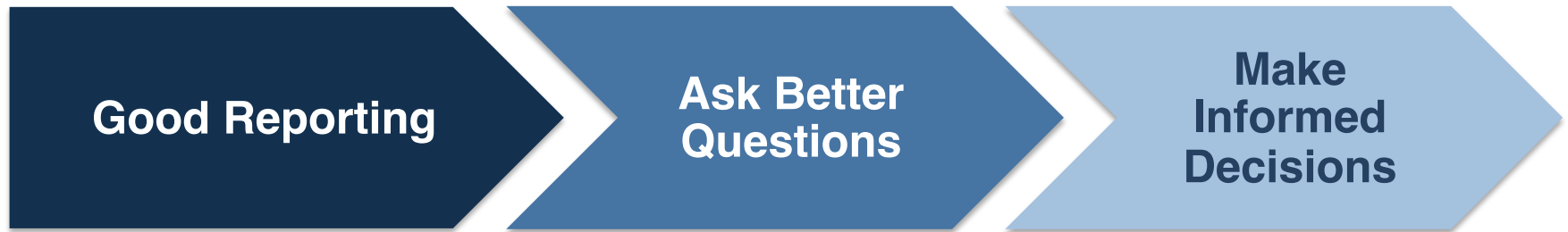
- By the end of this course, you should be able to
 - How to create a Dashboard
 - What a dashboard gadgets is and how it can be used
 - How to configure dashboard gadgets
 - How to share and edit your dashboard
 - Dashboard layout options

What does reporting provide?

- Real-time data about how your work is going
 - Progress on Stories, bugs
 - Sprint progress
 - Release progress
- Trends in the data
 - Sprint velocity over time
 - Issue cycle time
 - What is working
 - What is not working

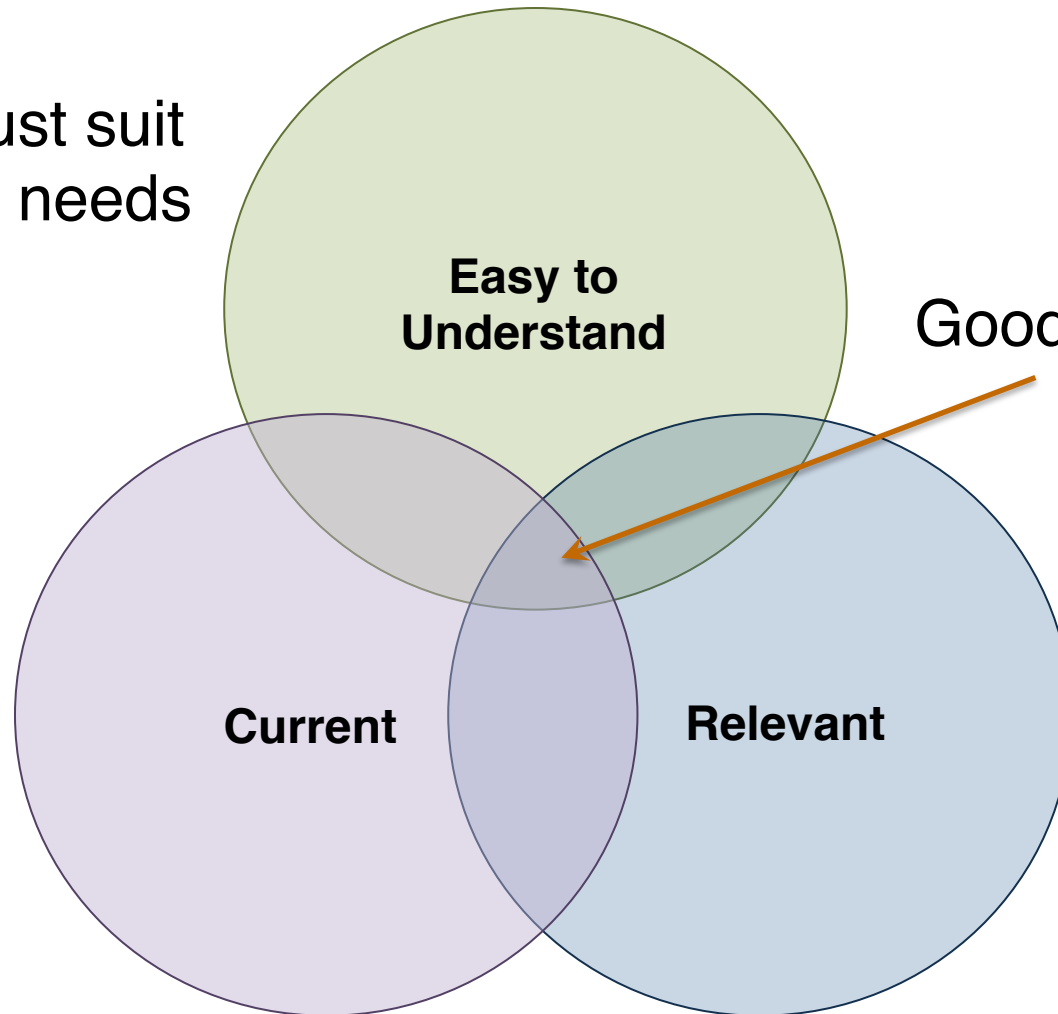


Make Informed Decisions



Good Reporting

Reporting must suit the audience needs

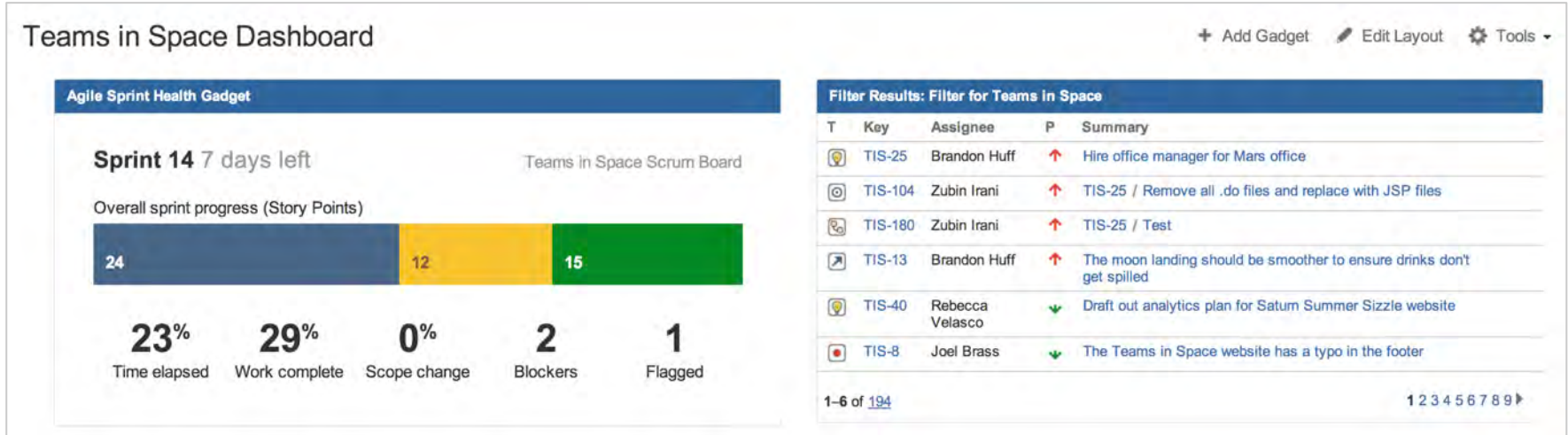


Good Reporting

JIRA Reporting and Dashboards

- JIRA can provide easy to understand, current, and relevant reporting
- JIRA includes the following reporting functionality
 - Project summary
 - Dashboards that summarize work and activities
 - JIRA Agile reporting that provides progress on Agile activities

JIRA Dashboarding Overview

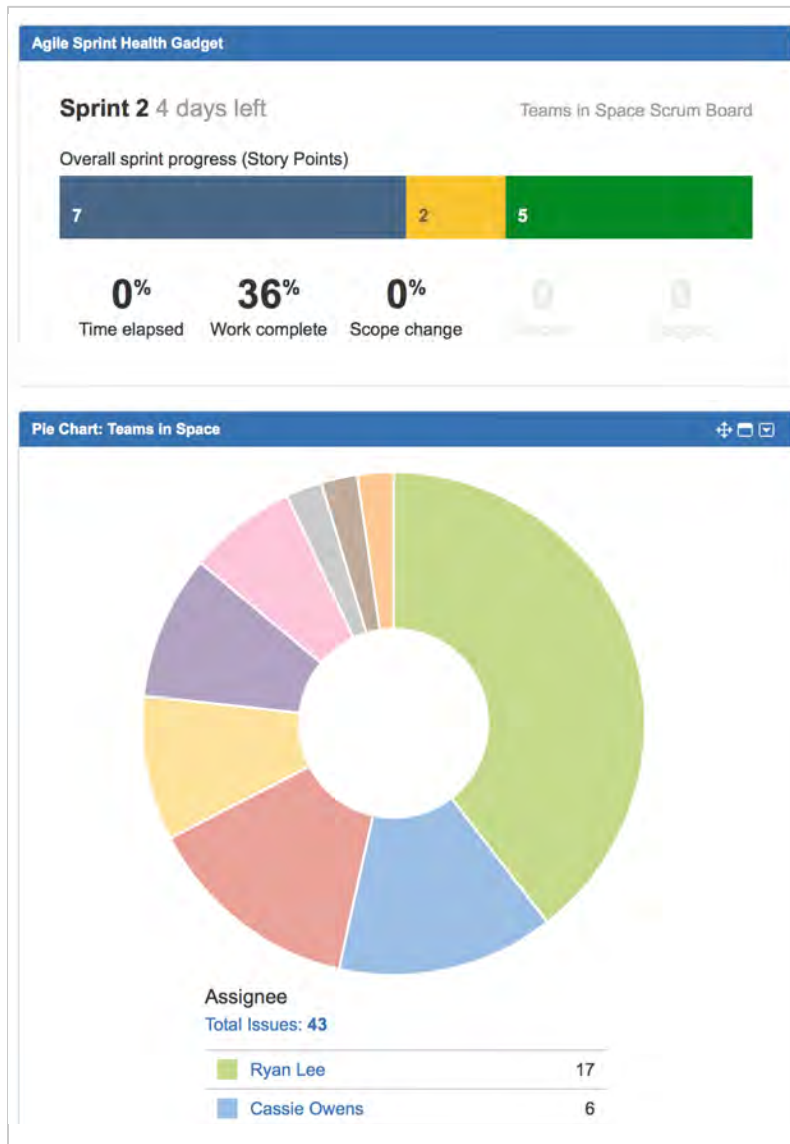


- JIRA can provide easy to understand, current, and relevant reporting
- Customizable dashboard to share team progress
- Show any data from a saved filter
- Data and gadgets automatically updated

What's a Dashboard?

- A JIRA Dashboard is a customizable display of key project information
- A JIRA dashboard provides
 - Customizable summary of the data you want to share
 - Dozens of gadgets to suit your reporting needs
 - Ability to manage viewing permissions
 - The ability to leverage JIRA saved filters to populate dashboard data
 - Flexible layout options

Example Dashboard



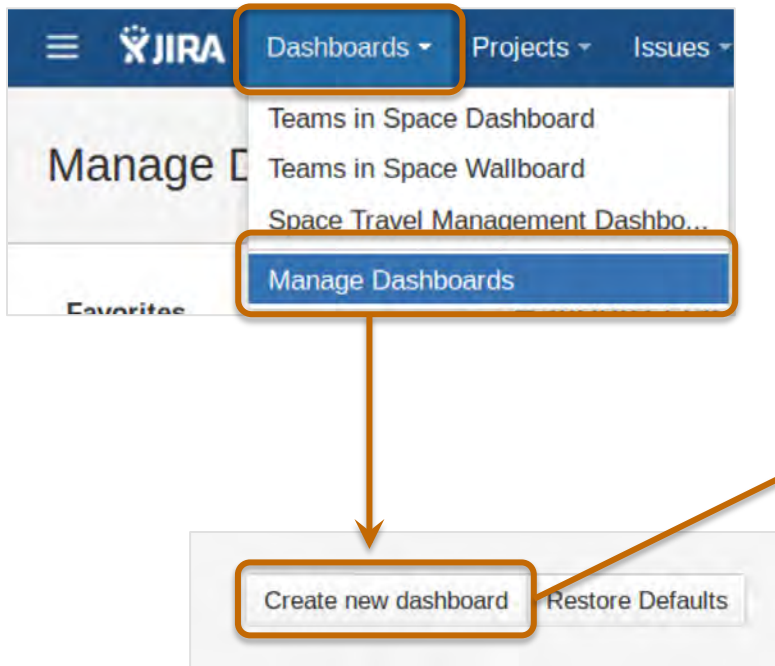
Issue Statistics: Filter for TIS Scrum Board (Status)

Status	Count	Percentage
OPEN	38	90%
IN PROGRESS	3	7%
REOPENED	1	2%
Total	42	

Filter Results: TIS Bugs

T	Key	Summary	P
☐	TIS-57	Buttons need to be red	↑
☐	TIS-56	Add pointer to main css file to instruct users to create child themes	↑
☐	TIS-55	Links should not be in italics	↑
☐	TIS-10	Bad JSON data coming back from hotel API	↑
☐	TIS-9	After 100,000 requests the SeeSpaceEZ server dies	⊘
☐	TIS-8	Requesting available flights is now taking > 5 seconds	↑
☐	TIS-7	500 Error when requesting a reservation	↑
1-7 of 7			

Creating a Dashboard



Create New Dashboard

Sharing with everyone will make this visible to users who are not logged in.

Name ^{*}

Description

Start From

Choose a dashboard whose gadgets will be copied to the new dashboard.
Alternatively, choose 'Blank dashboard' to create a dashboard with no gadgets.

Favorite ☒

Shares Shared with all users

Add Shares Add

Share with everyone

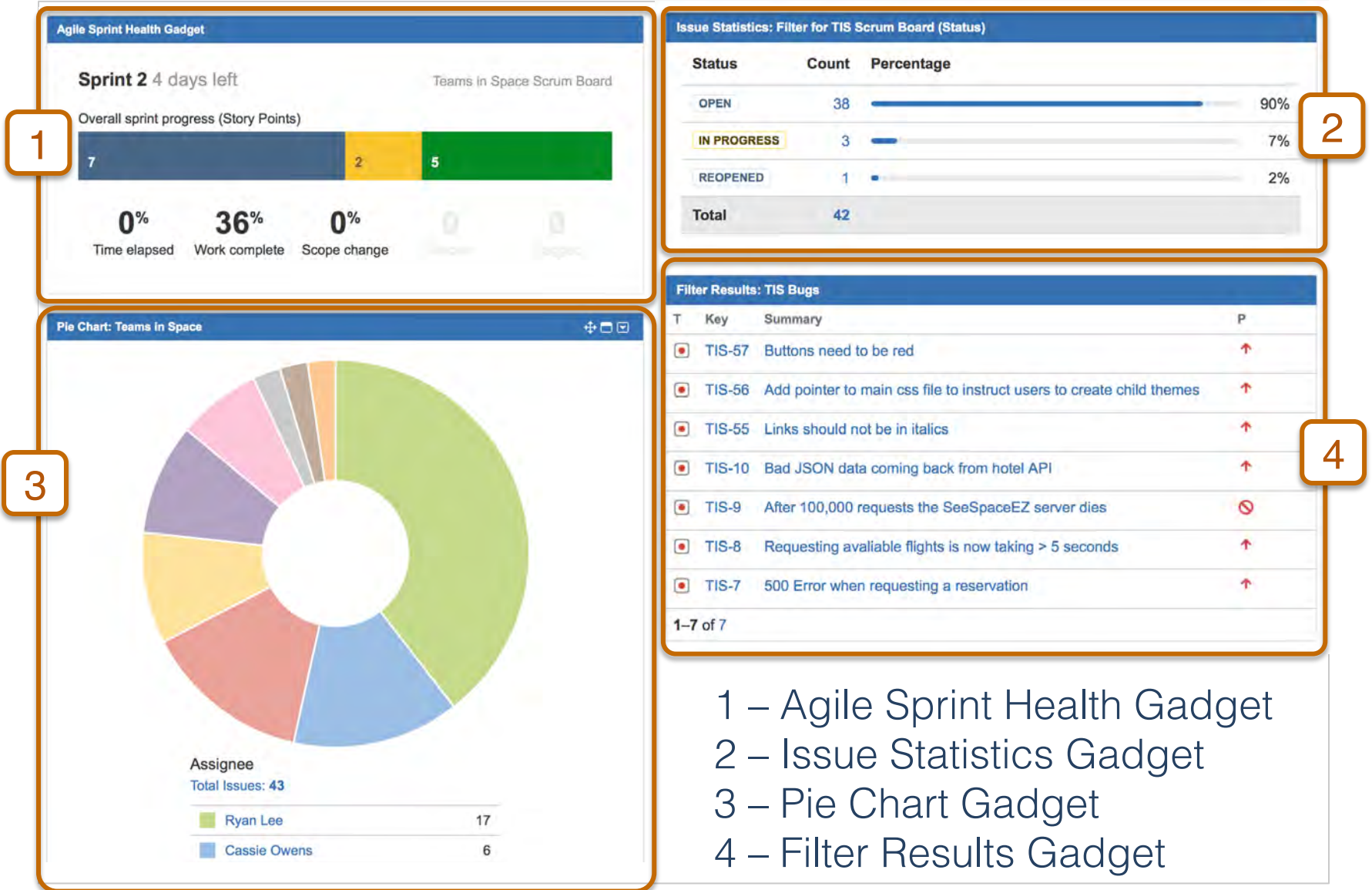
Dashboard Gadgets

- What is a dashboard gadget
 - Visual representation of JIRA data
 - Different reporting types – diagram, chart, activity stream, etc.
 - Different ways to configure – by project, filter, field, etc.
- What can they do for you
 - Provide an easy way to visually share your data
 - Show your data in a variety of ways to suit your reporting needs
 - Dozens of pre-installed gadgets provide many options
 - Additional gadgets available on the Atlassian Marketplace

Common Dashboard Gadgets

Gadget	Reporting Provided
Activity Stream	Displays a summary of recent activities in your project
Filter Results	Displays issues from a saved filter
Issue Statistics	Displays issues from a saved filter broken down by a specified field
Two Dimensional Filter	Displays statistical data based on a specified filter in a configurable table format.
Pie Chart	Displays issues from a project or saved filter, grouped by a statistic type, in pie-chart format.
Sprint Health	Displays a color-coded bar graph showing a summary of the issues in a specified sprint
Dozens more!	

Common Dashboard Gadgets



Common Dashboard Gadgets

+ Add Gadget Edit Layout Tools ▾

Add a gadget ×

CATEGORIES

- All 30
- Charts 11
- JIRA 26
- Other 3
- Wallboard 7

Activity Stream
By Atlassian • Local
Lists recent activity in a single project, or in all projects.
[Show XML link](#) **Add gadget**

Agile Days Remaining in Sprint Gadget
By Atlassian • Local
Displays days remaining in a sprint (Wallboard capable)
[Show XML link](#) **Add gadget**

Agile Sprint Burndown Gadget
By Atlassian • Local
Sprint burndown chart to track remaining work (Wallboard capable)
[Show XML link](#) **Add gadget**

Agile Sprint Health Gadget
By Atlassian • Local
Visual snapshot of the health of a sprint (Wallboard capable)
[Show XML link](#) **Add gadget**

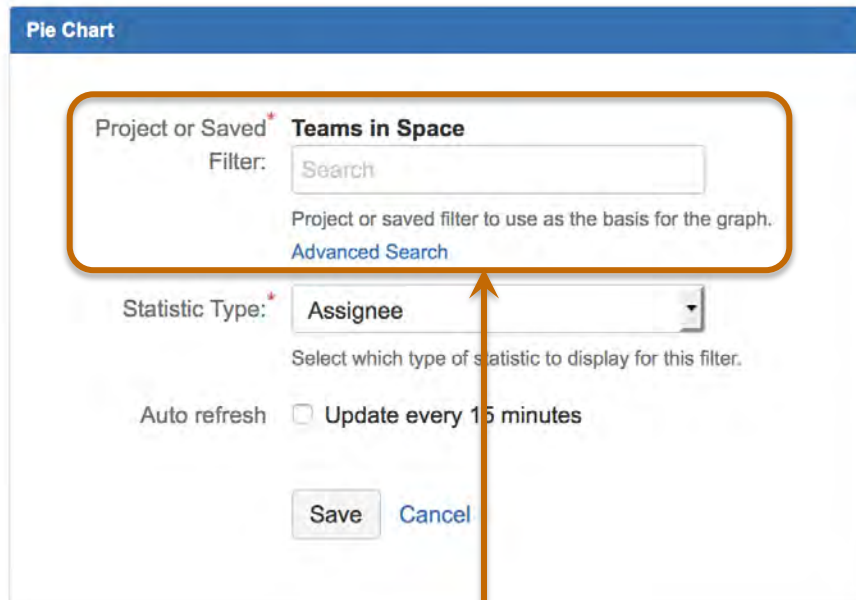
Agile Version Report

Where do gadgets get their data?

- Gadgets display data from a variety of places
- When you choose a gadget, check where its information comes from
 - Project data
 - Saved filter
 - An Agile board
 - Other Atlassian applications (Bamboo, Stash)
 - External application (iGoogle, other web sites)

Gadget Configuration

Identify where data comes from



Pie Chart

Project or Saved* **Teams in Space**

Filter:

Project or saved filter to use as the basis for the graph.
[Advanced Search](#)

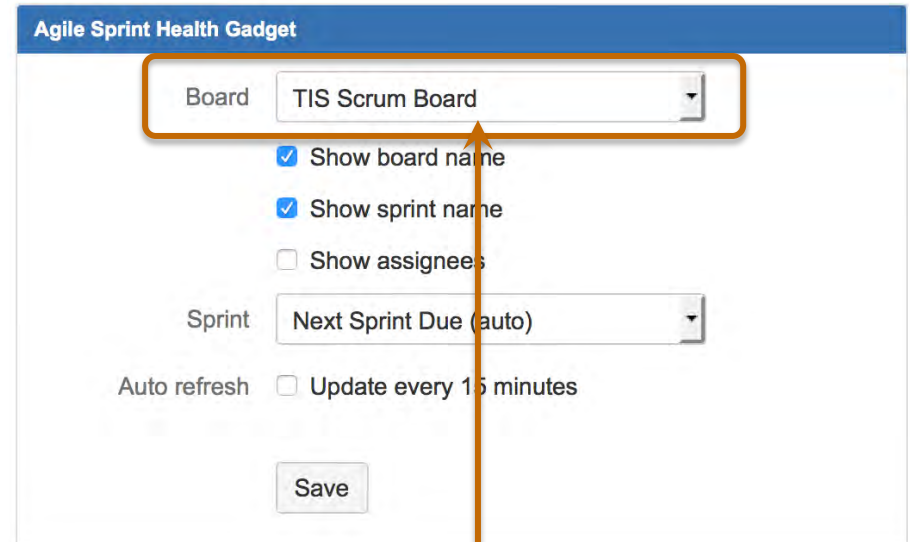
Statistic Type:* **Assignee**

Select which type of statistic to display for this filter.

Auto refresh ☐ Update every 15 minutes

An orange box highlights the "Project or Saved*" section, and an orange arrow points from the "Teams in Space" filter to the "Project / Filter" label below.

Project / Filter



Agile Sprint Health Gadget

Board **TIS Scrum Board**

☒ Show board name

☒ Show sprint name

☐ Show assignees

Sprint **Next Sprint Due (auto)**

Auto refresh ☐ Update every 15 minutes

An orange box highlights the "Board" dropdown, and an orange arrow points from the "TIS Scrum Board" selection to the "JIRA Agile Board" label below.

JIRA Agile Board

Gadget Configuration

Select configuration details

Pie Chart

Project or Saved Filter: **Teams in Space**

Filter:

Project or saved filter to use as the basis for the graph.
[Advanced Search](#)

Statistic Type: **Assignee**

Select which type of statistic to display for this filter.

Auto refresh ☐ Update every 15 minutes

Save [Cancel](#)

Agile Sprint Health Gadget

Board: **TIS Scrum Board**

☒ Show board name
☒ Show sprint name
☐ Show assignees

Sprint: **Next Sprint Due (auto)**

Auto refresh ☐ Update every 15 minutes

Save

Save your configuration

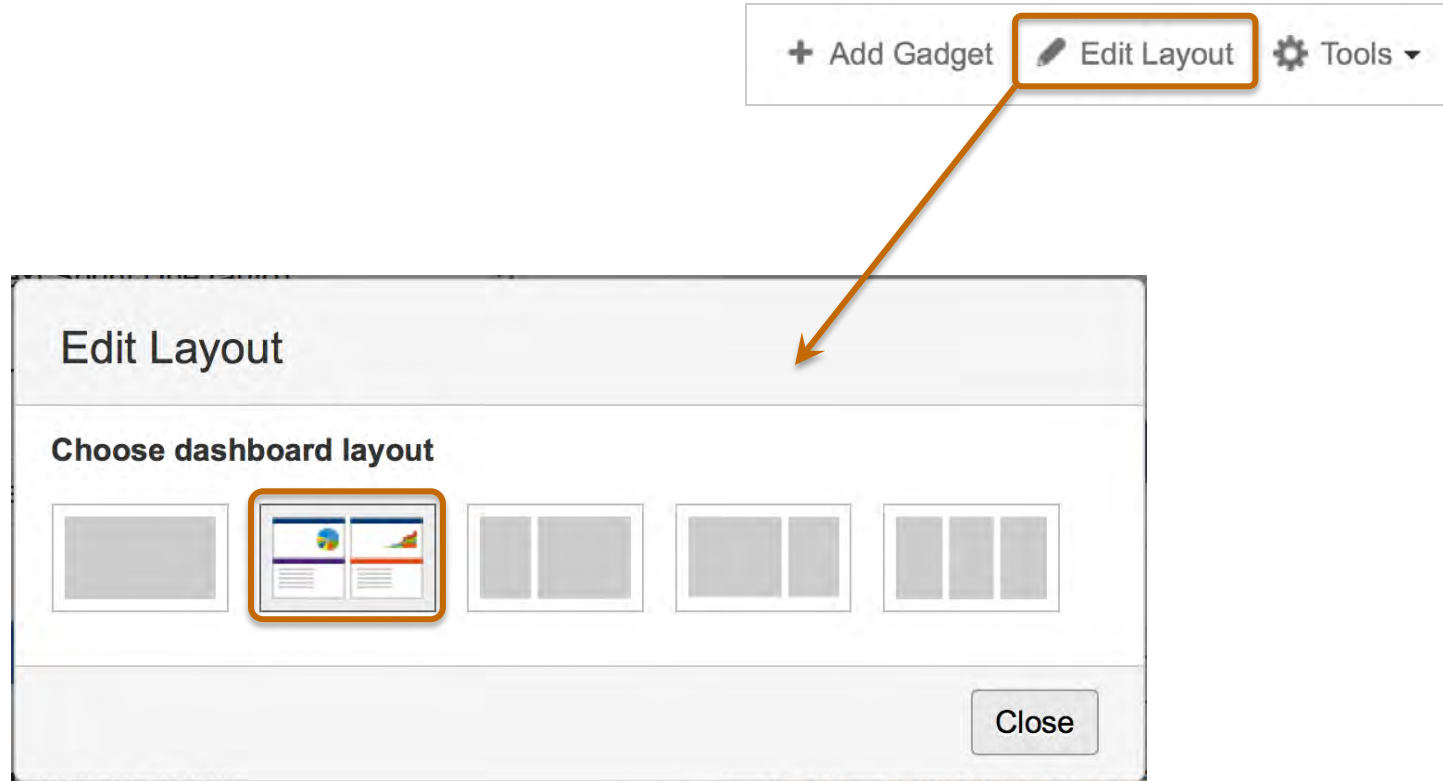
Gadget Gotchas

- If using a saved filter, be sure to share the filter or your audience won't be able to see the filter data
- You can show the data in a variety of ways – view the options until it aligns with your audience needs

Dashboard Layout

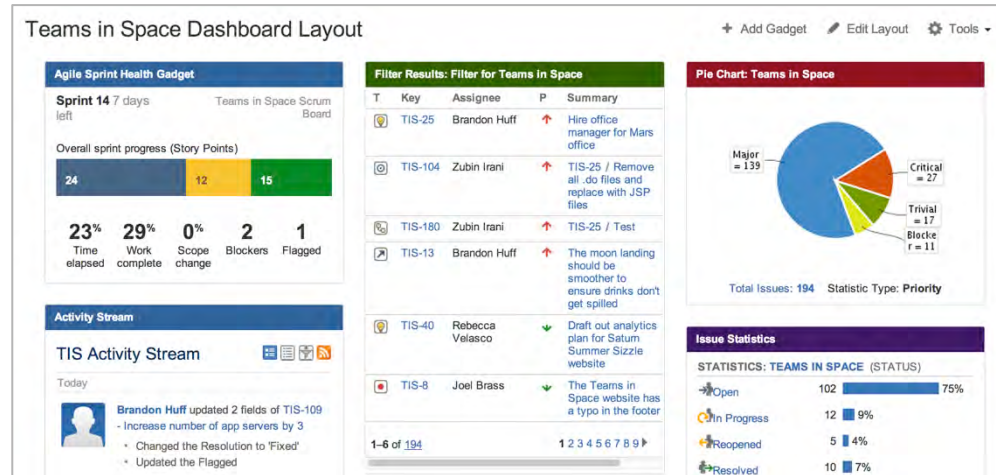
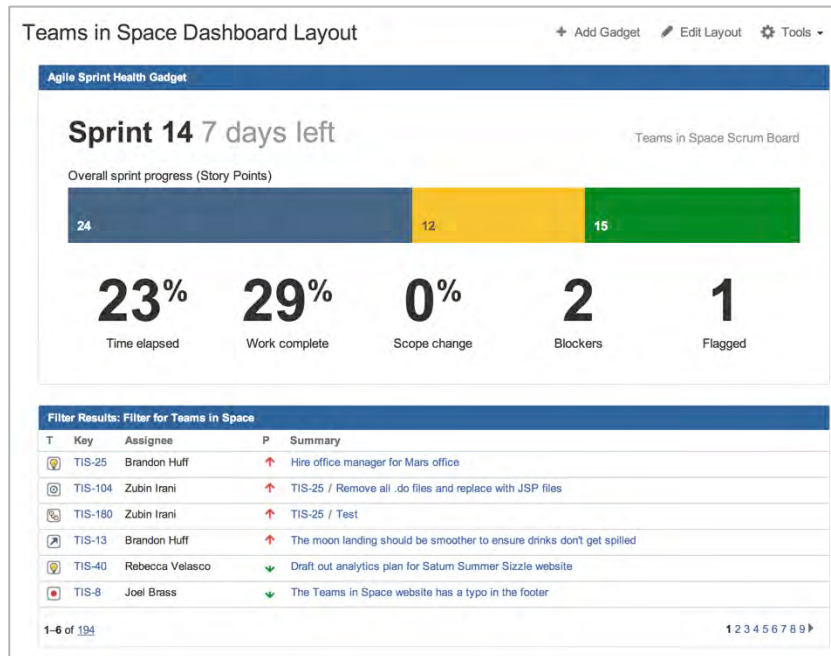
- Drag and drop functionality to put the gadget where you want it
 - Order them by priority, timeline, similar reports
- Different column layout options
 - One, two, or three column options to suit your gadget and needs
- Gadget Header color to highlight different data/reports
- Why use the layout options?
 - Make the dashboard easier to read
 - Display gadget and data optimally
 - Suit audience preference

Dashboard Layout



Dashboard Layout Examples

1 Column



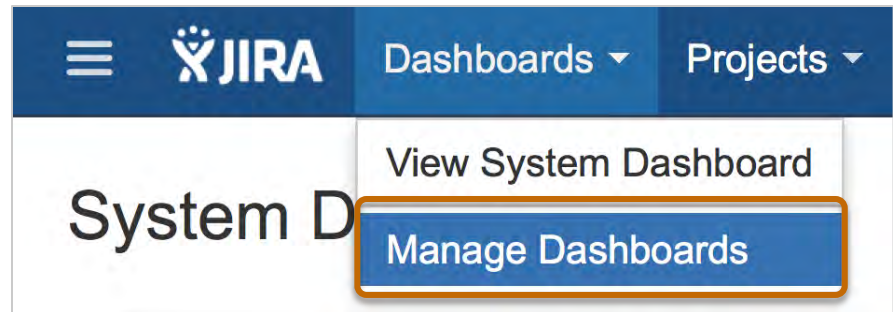
3 Columns

Dashboard Layout Considerations

- What does your audience need to see?
- Group gadgets based on the information they share
 - Progress – short term, long term
 - Problems – Bugs, Blocked issues
- Two Column layout Example
 - Left column for short term items
 - Sprint Progress, Blocked Items
 - Right column for long term items
 - Version Progress, Delivered Epics

Dashboard Layout Considerations

- How do I find my or other dashboards?
- Managing your dashboards allows you to
 - View and manage your “Favorite” dashboards
 - View all of your created dashboards
 - View popular dashboards based on usage
 - Search for other dashboards based on dashboard name or creator name



Managing Dashboards

Favorites

My

Popular

Search

Favorite Dashboards

?

This page allows you to manage all your favorite dashboards.

Name	Owner	Shared With	
★ Teams in Space Dashboard	Alana Grant (agrant)	• Project: Teams in Space	↶ ↷ ↵ ↶ ⚙
★ Teams in Space Wallboard	Alana Grant (agrant)	• Shared with all users	↶ ↷ ↵ ↶ ⚙
★ Space Travel Management Dashboard	Alana Grant (agrant)	• Shared with all users	↶ ↷ ↵ ↶ ⚙
★ Test Dashboard	Alana Grant (agrant)	• Shared with all users	↶ ↷ ↵ ↶ ⚙

Favorites

My

Popular

Search

Search Dashboards

This page allows you to search for all visible dashboards.

Search

Owner

Searches in the dashboard's name and description.

Start typing to get a list of possible matches.

Shared With **Anyone**

All dashboards that you can see.

Search

Sharing a Dashboard

- Share your dashboard to allow others to view it based on Project, Role, or Group

Edit and Share Dashboard

Name

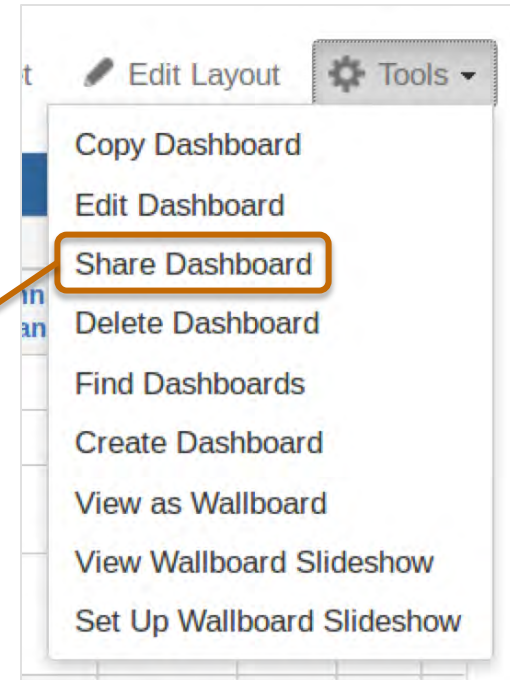
Description

Favorite ☐

Shares **Project:** Teams in Space

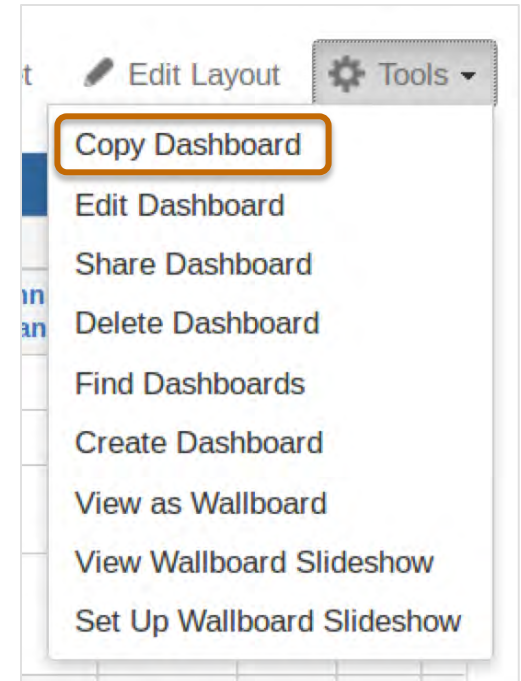
Add Shares

Share with all users in the project role 'Developers' for project 'Teams in Space'



Copying a Dashboard

- Creating vs copying an existing dashboard
 - Prepopulated with gadgets
 - Faster to get up and running for your audience
 - But you still may make a number of changes...



Dashboard Troubleshooting

- Common problems to watch out for
 - Audience doesn't see the data they need/want
 - Audience can't see the data in a gadget because a filter was not shared (if a filter is used on a Gadget)
 - Audience can't see the dashboard because it was not shared

Summary: Dashboard Creation and Configuration

- What a dashboard is and how it can be used
- How to create, share, and manage dashboards
- What a gadget is and the various reporting they can provide
- How to add and configure a gadget

- Dashboard navigation
- Create a dashboard
- Share a dashboard
- Gadgets
- Troubleshooting



Online Resources

Resource	Location
JIRA User's Guide	https://confluence.atlassian.com/display/JIRA/JIRA+User's+Guide
JIRA Dashboard Guide	https://confluence.atlassian.com/display/JIRA/Customizing+the+Dashboard

Thank you!