

Scrum Development with JIRA & JIRA Agile Scrum & Sprints

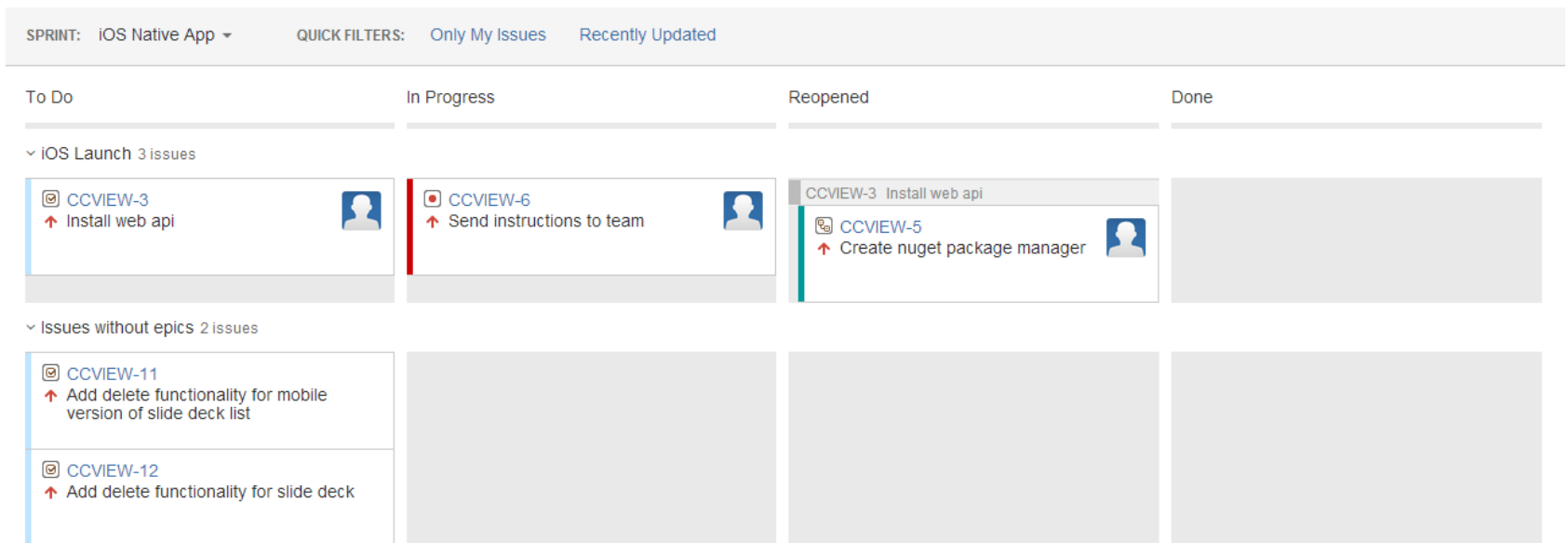
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@xmorera



pluralsight 
hardcore developer training

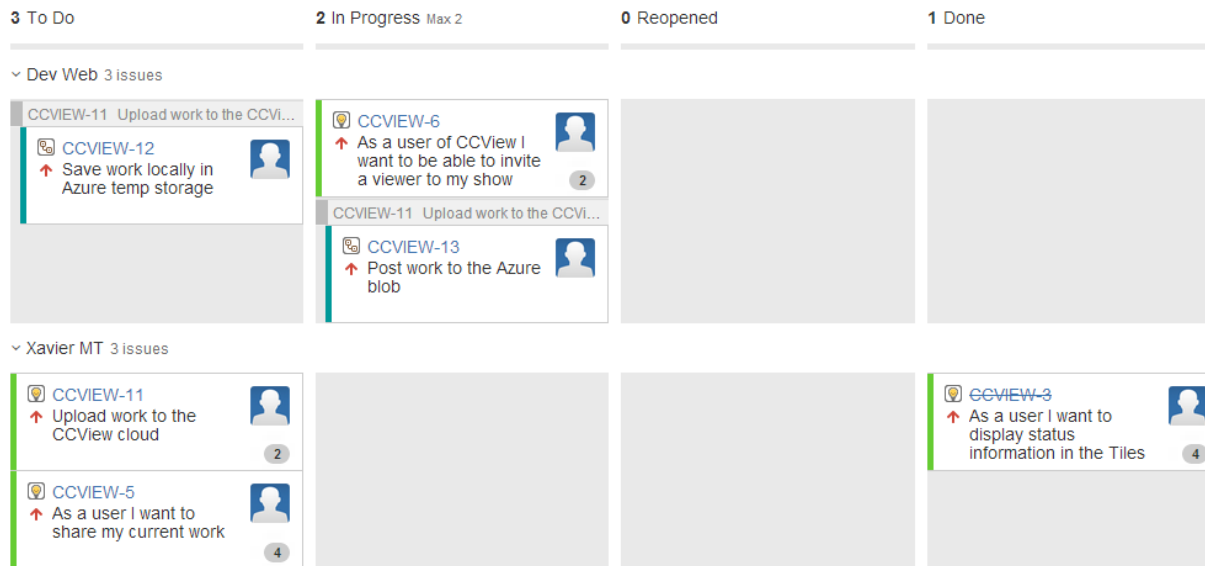
Daily Scrum

- Time box, same time/place, usually morning and really standing up!
- Use Work Mode
- Visualize
 - What did you do yesterday?
 - What will you do today?
 - Is there any impediment on your way?



In Work Mode You Can...

- Use it during Scrum
- Work on Issues
 - Transition & Edit
- Release a version and more...



Let's see it in action!

Report Mode

- Visualize and control project progress
- Reports are board specific
- Available Scrum boards only
 - Burndown Chart, Epic Report, Sprint Report, Velocity Chart, Version Report
- General availability
 - Control Chart, Cumulative Flow Diagram

Sample Sprint 2 0 days left

Overall sprint progress (Story Points)



97%

Time elapsed

43%

Work complete

55%

Scope change

0

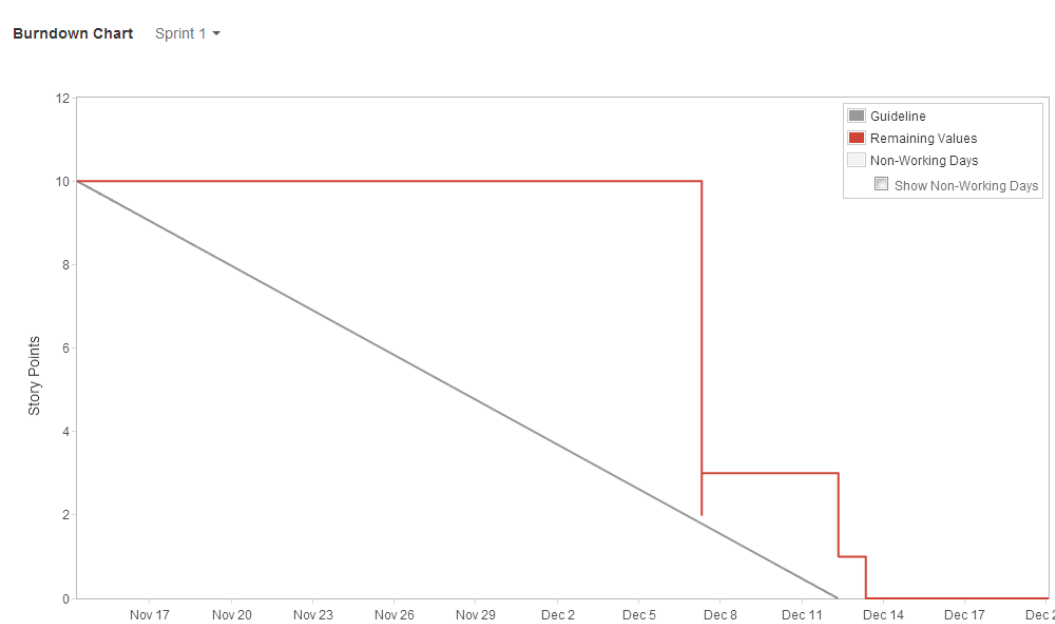
Blockers

0

Flagged

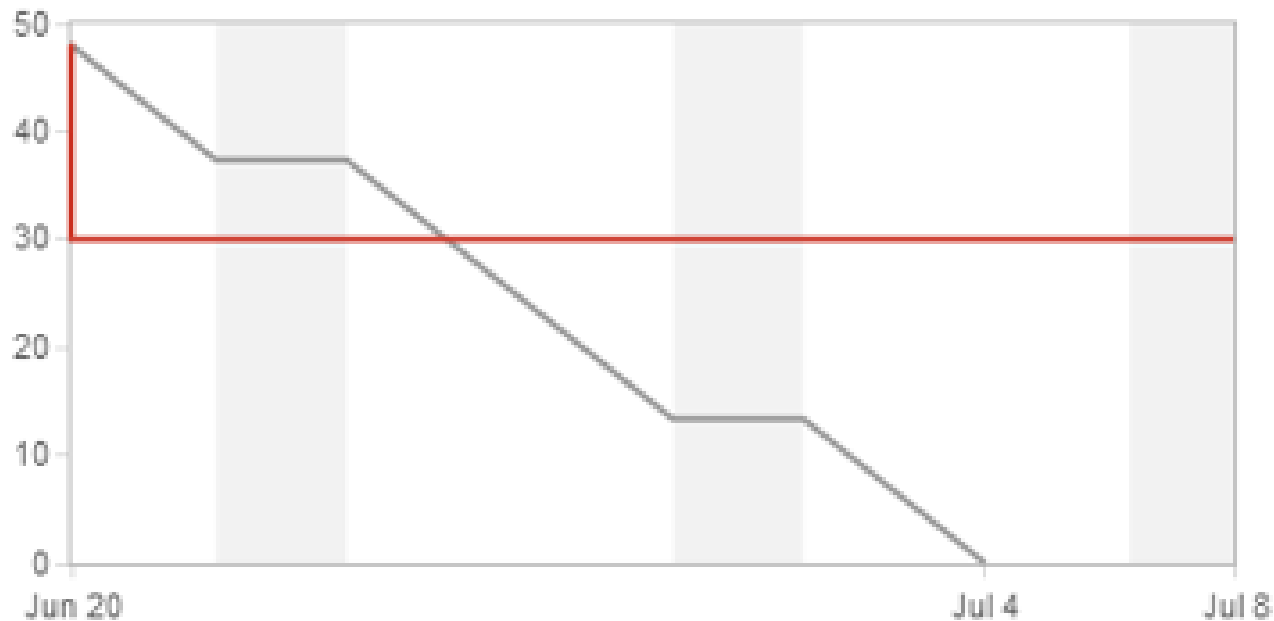
Burndown Chart

- Actual vs. Estimated amount of work for a sprint
- X axis → time
- Y axis → issues
- Objective: determine in advance the possibility of finishing on time
 - Monitor constantly



Sprint Report

- List of issues for each Sprint
- Useful for the Sprint Retrospective meeting and mid checks
- Shows information on initial team commitment

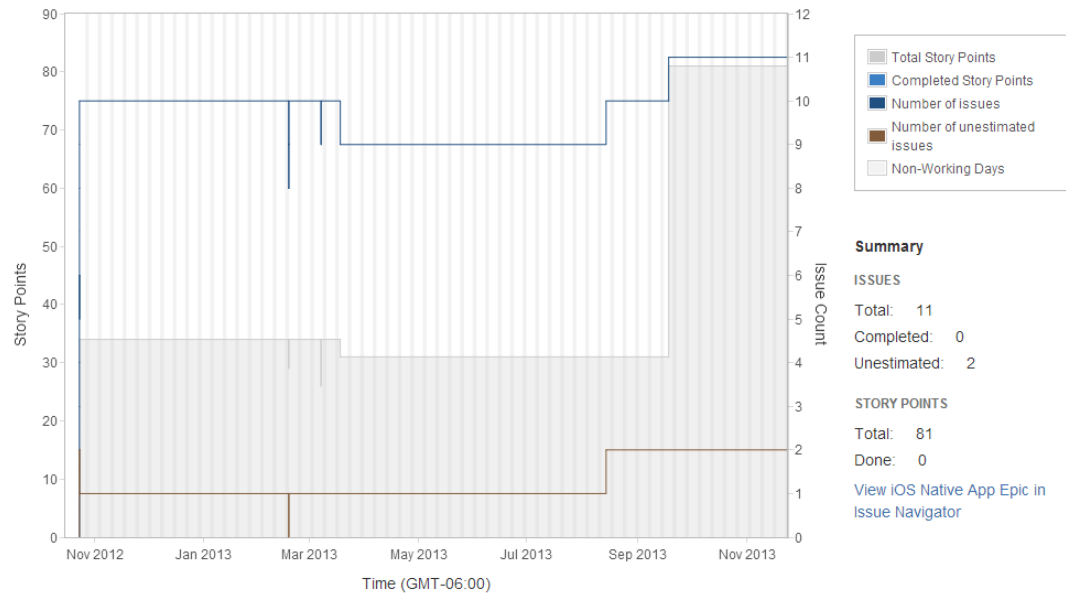


Epic Report

- Useful for Epics as they may span multiple Sprints
- List of complete, incomplete and unestimated issues in an Epic
- Understand progress towards completing an epic over time

Epic Report iOS App ▾

CCVIEW-316 iOS Native App Epic [Linked pages](#)

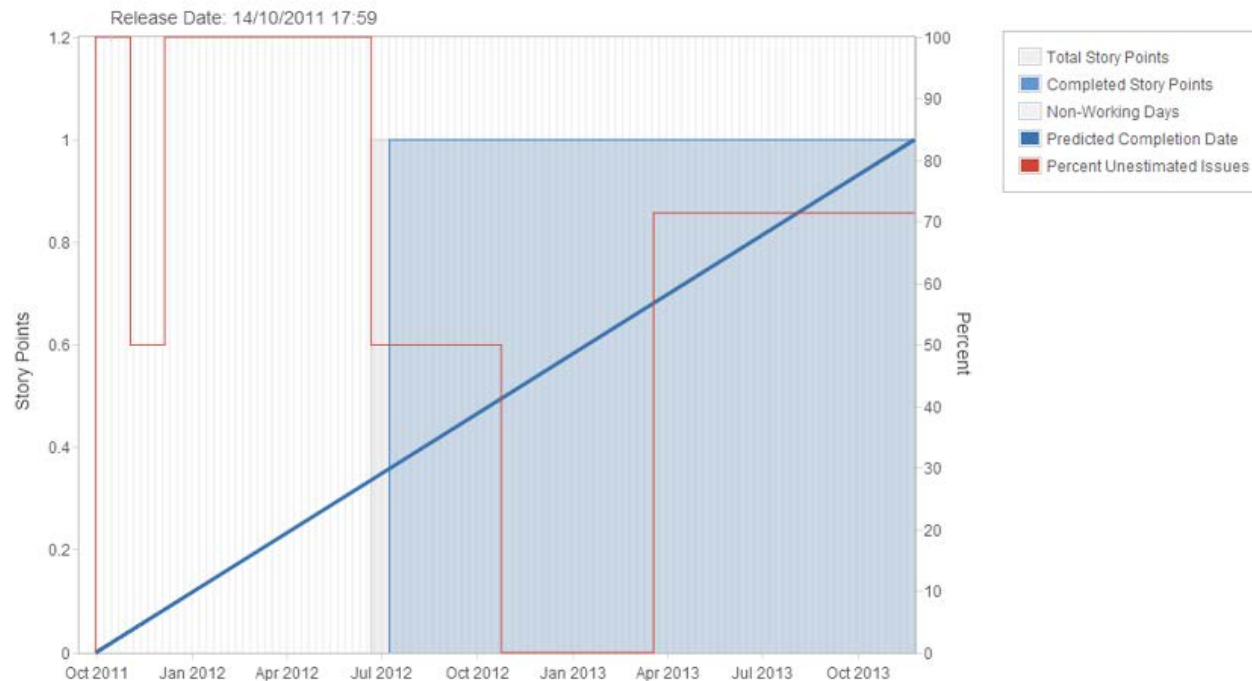


Version Report

- Team's progress towards completion of a Version
- Predicted Release Date
 - Based on average rate of progress (Velocity) since start of version
 - Estimated amount of work remaining

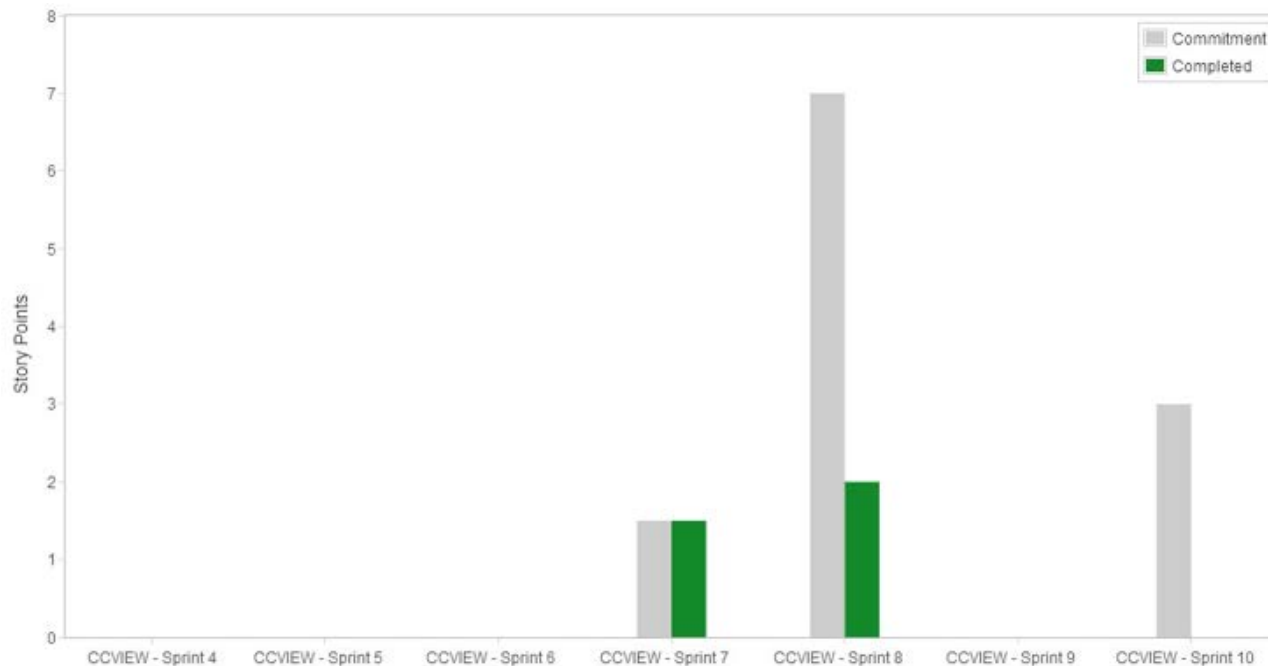
Scheduled Release Date: 14/Oct/11 11:59 PM (GMT+00:00)

[View iOS 1 in Issue Navigator](#)



Velocity Chart

- **Amount of value delivered in each sprint in Story points**
 - Helps you predict amount of work for future Sprints
- **Useful during Sprint Planning meeting**
- **Recorded at the time of Sprint start**
 - Changes are not reflected



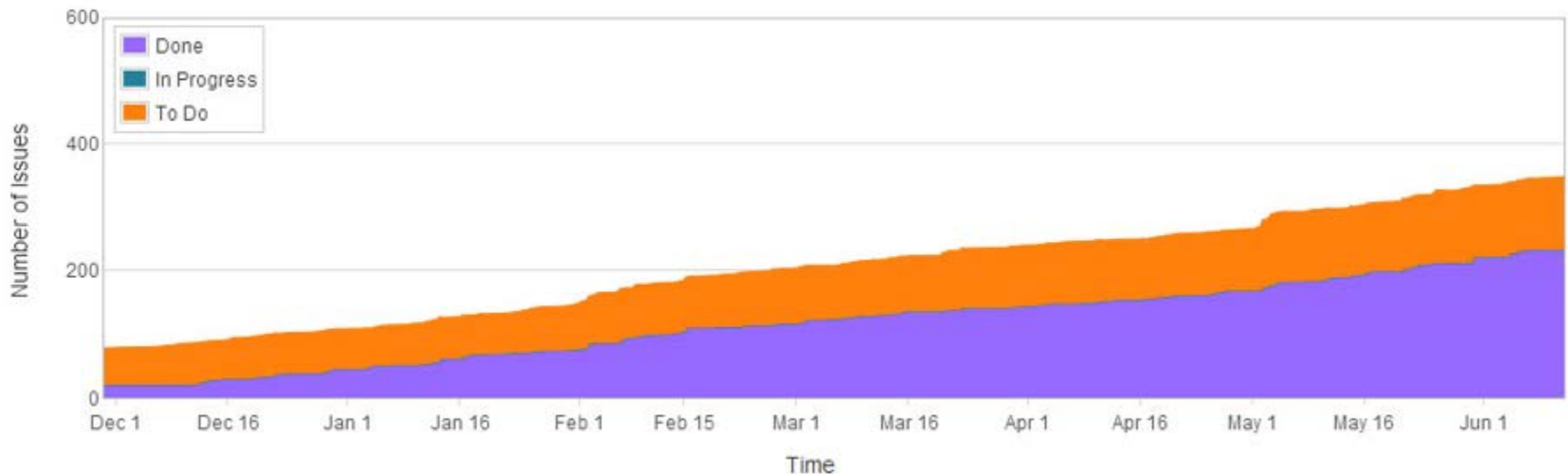
Control Chart

- Shows “cycle time” or “lead time” for your issues
 - Cycle: from start progress to work completed
 - Lead: from issue logged until work completed
- Can current sprint data be used to estimate future performance?
 - Less variation in cycle time means higher confidence in using an average as metric of future performance



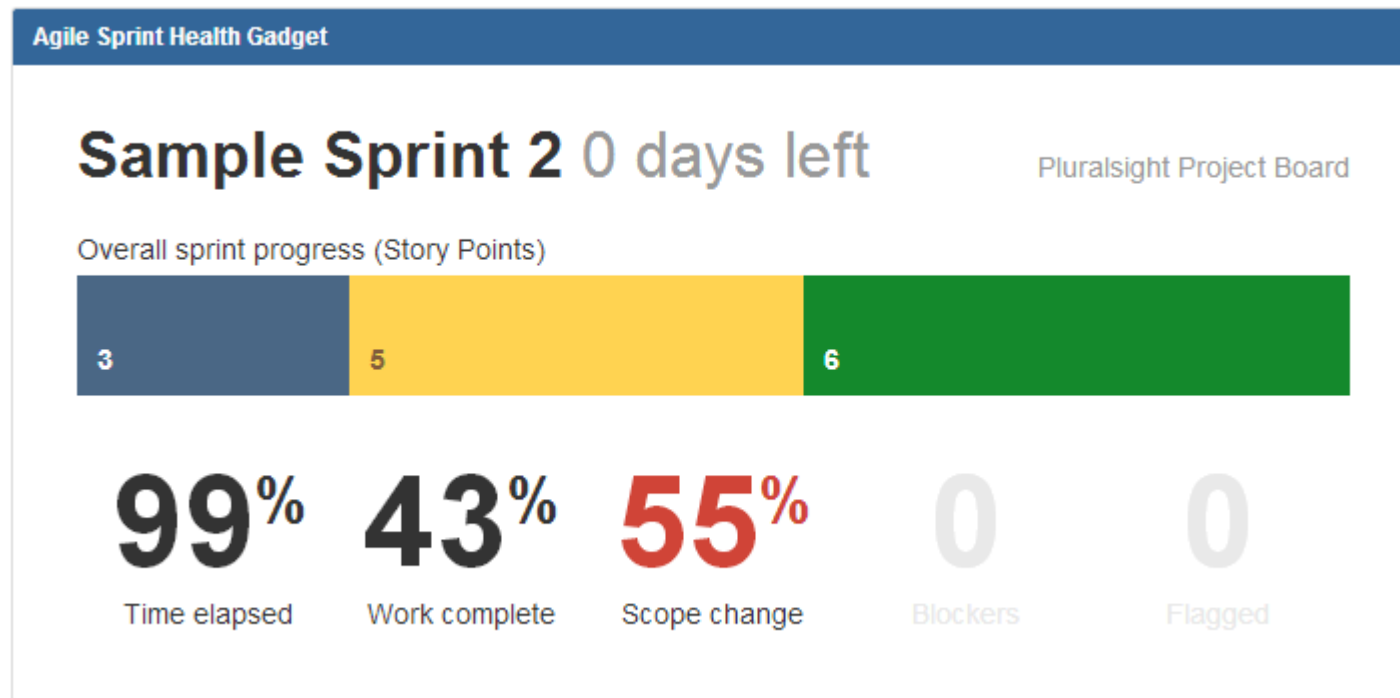
Cumulative Flow Diagram

- Area chart that shows Status over time
 - Each color is a status
- i.e. How many issues in progress on a daily basis
- Widening area → Bottleneck!



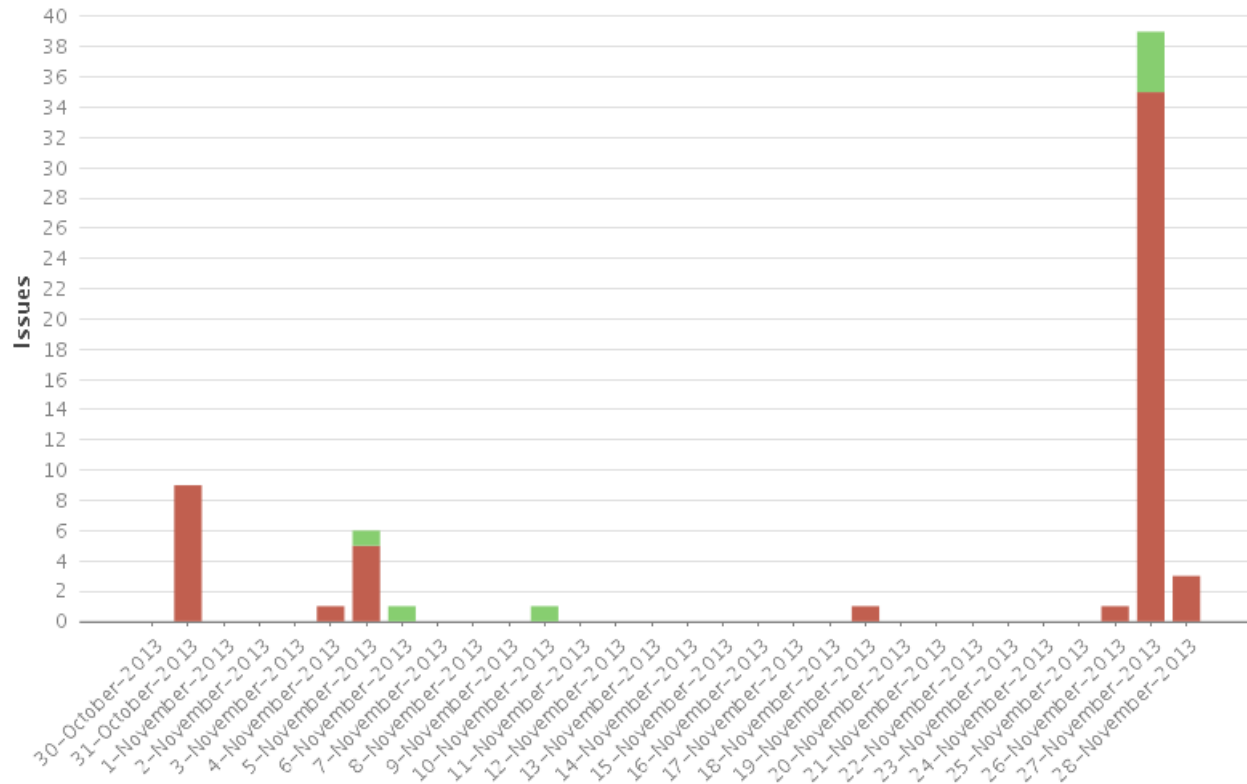
Gadgets

- Dashboards are a very powerful feature of JIRA
- Collection of add-ons plus Agile and Classic Agile gadgets
 - Provide status and overview of all sorts of KPI
- Build dashboard specifically to suit your needs



Additional JIRA Reports

- JIRA provides non Agile specific reports
- Available from Project Overview > Reports
- Useful information to keep your project under control

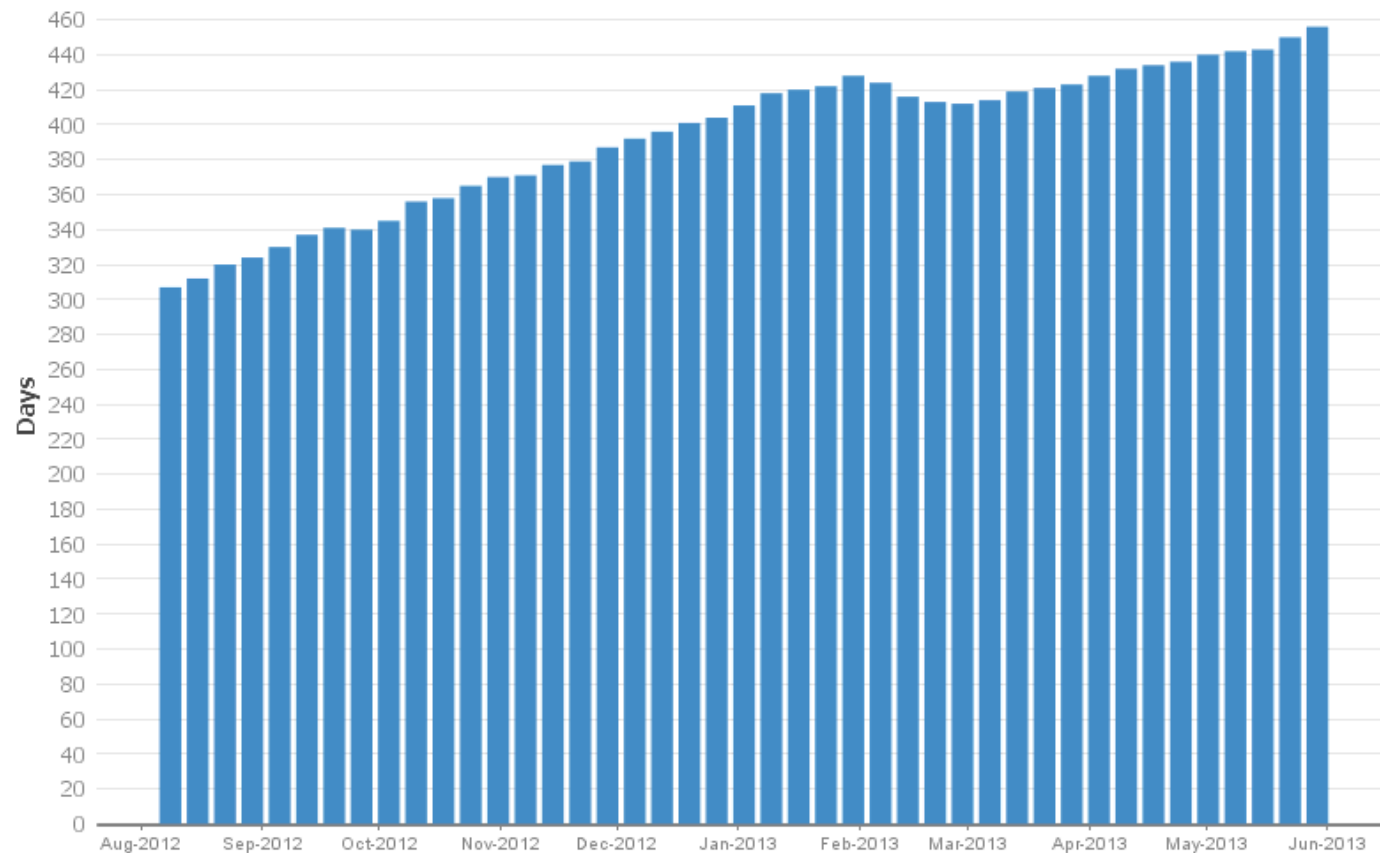


Average Age Report

Project: [CCView](#)

Chart:

This chart shows the average number of days issues were unresolved for on a given day over the past **300** days.

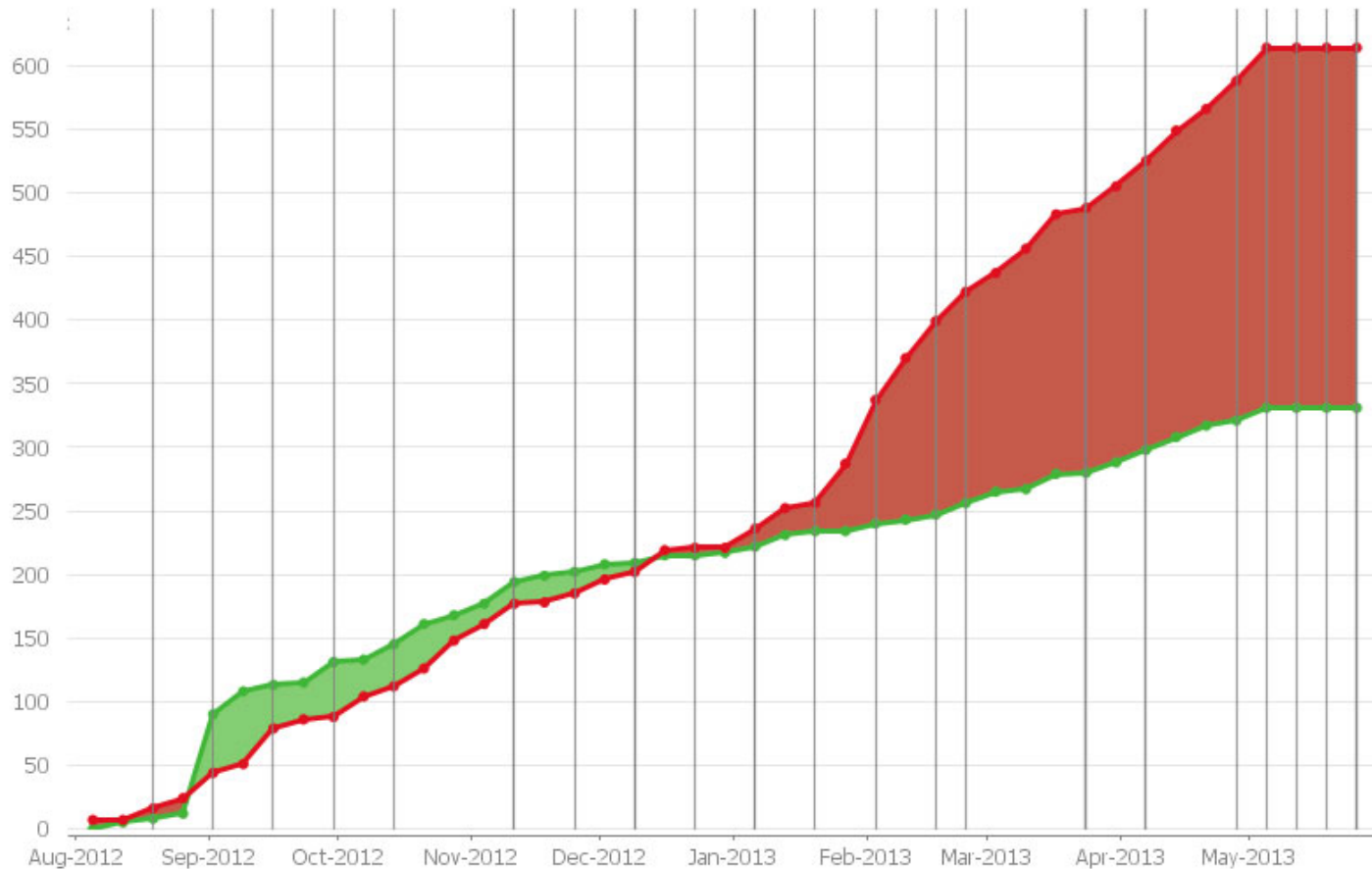


Created vs. Resolved Issues Report

Project: [CCView](#)

Chart

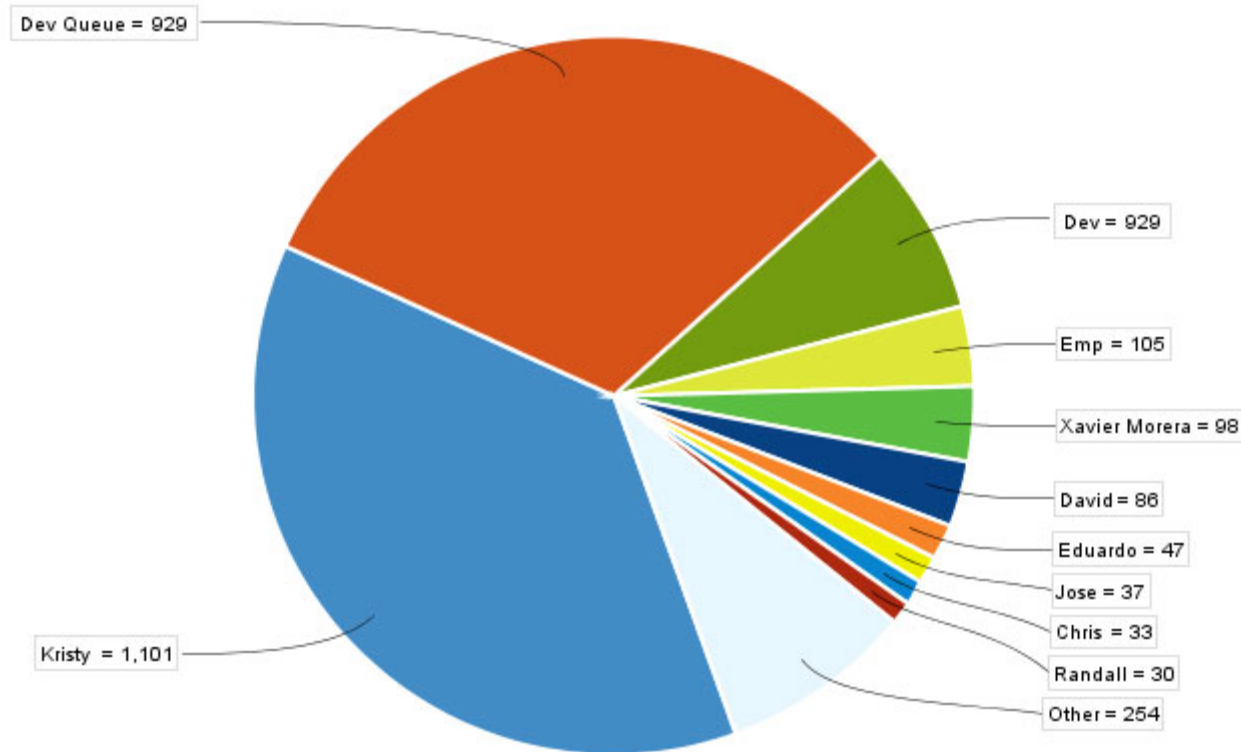
This chart shows the number of issues **created** vs. the number of issues **resolved** in the last **300** days.



Pie Chart Report

Project: **CCView** (Assignee)

Chart

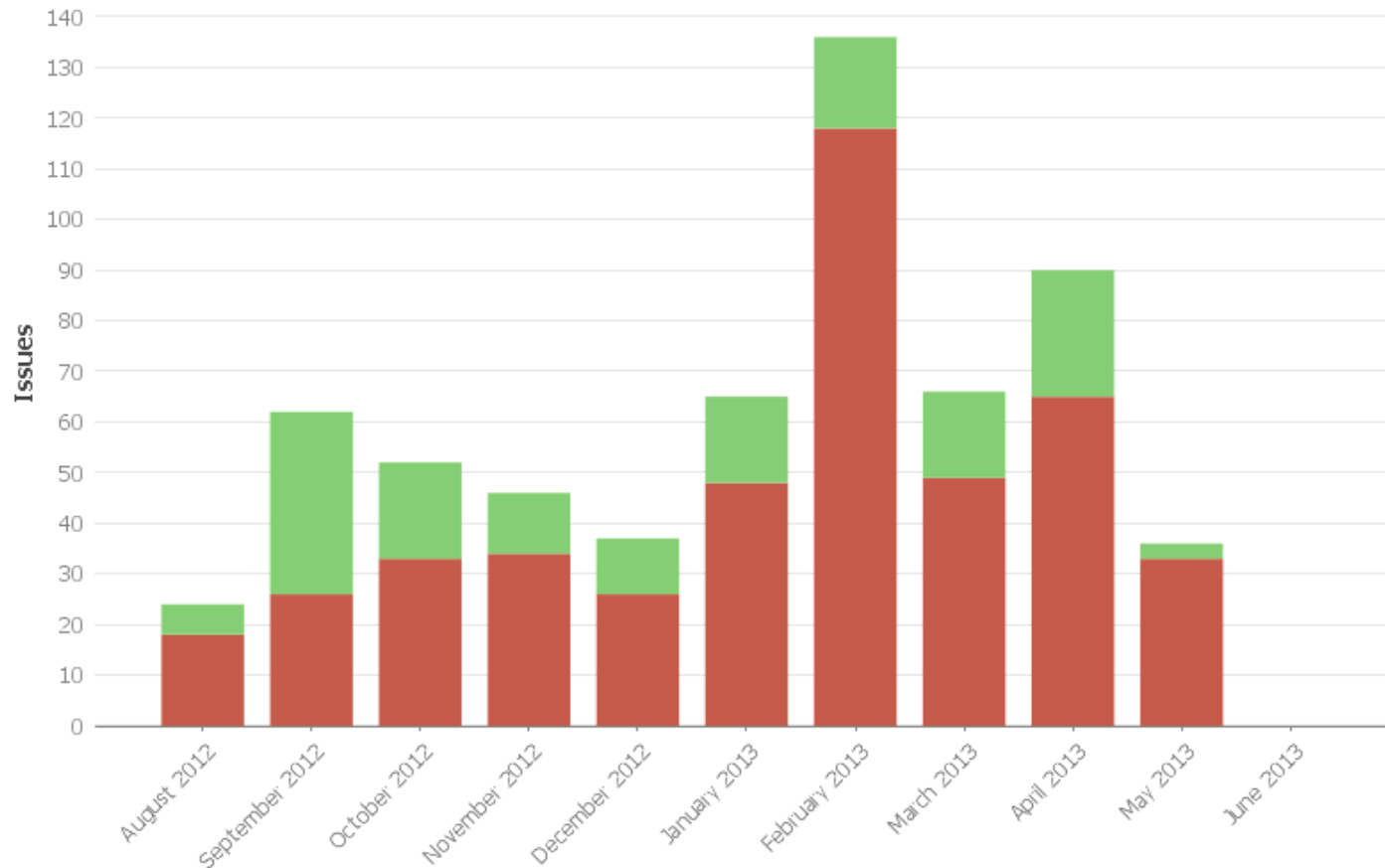


Recently Created Issues Report

Project: [CCView](#)

Chart

This chart shows the issues created in the last **300** days

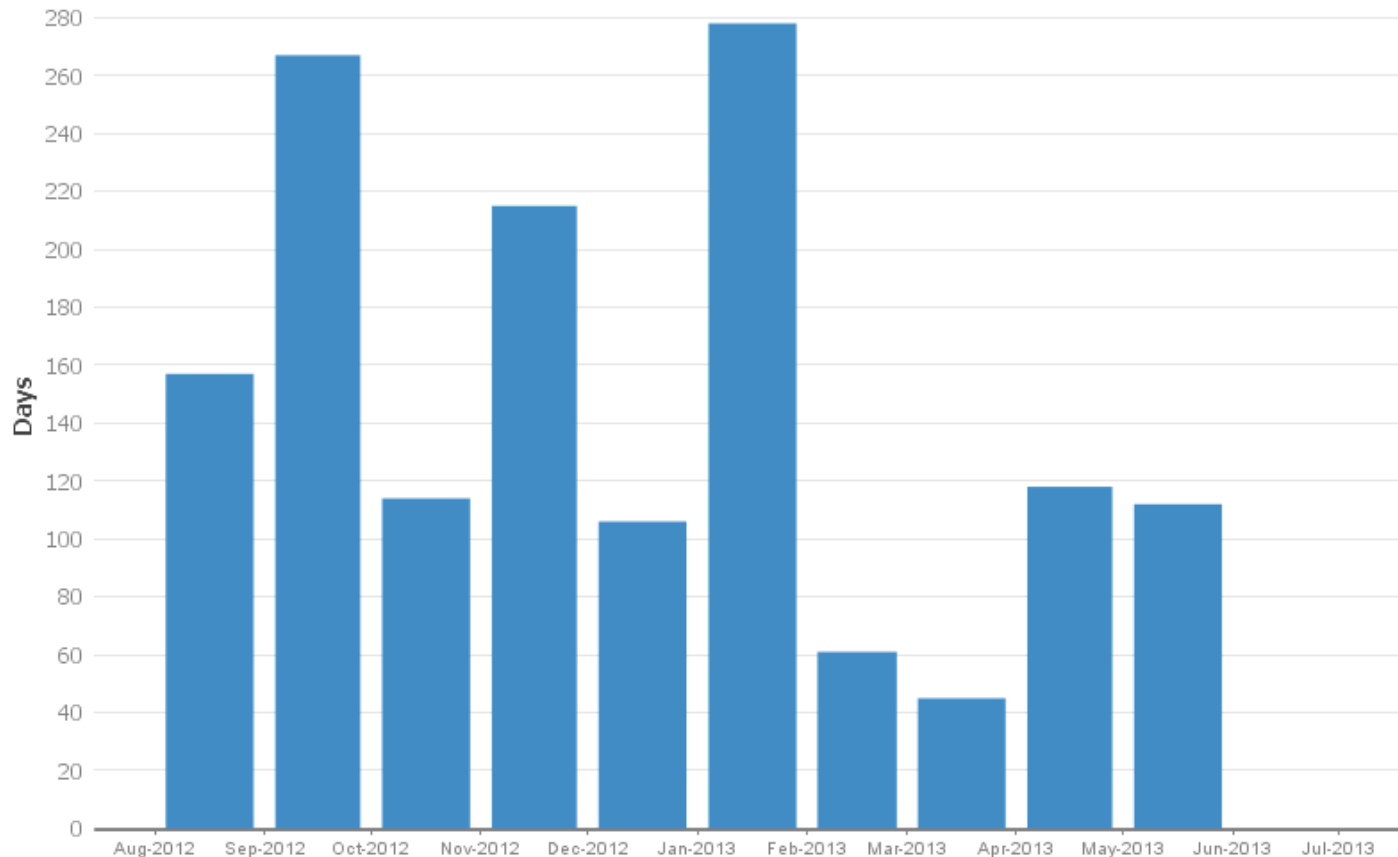


Resolution Time Report

Project: [CCView](#)



















Chart:

This chart shows the average number of days issues took to be resolved.
Issues were resolved in the last **300** days.



Single Level Group By Report

Filter: CCView - Beta 1

			Progress: <div></div>
			0 of 4 issues have been resolved
 CCVIEW-9	Unresolved	List all decks in mobile version	 
 CCVIEW-6	Unresolved	Add redirection to tablet/smartphone/desktop	 
 CCVIEW-5	Unresolved	Add delete functionality for mobile version of slide deck list	 
 CCVIEW-3	Unresolved	Add a deck functionality in web	 
			Progress: <div></div>
			2 of 2 issues have been resolved
 CCVIEW-4	FIXED	Add delete functionality for slide deck	 
 CCVIEW-1	FIXED	Create mobile login page	 

Time Sheet Report

- Hours not used in Agile, only Story points

Start Date : 01/Nov/13, End Date : 29/Nov/13 [\[Change\]](#)

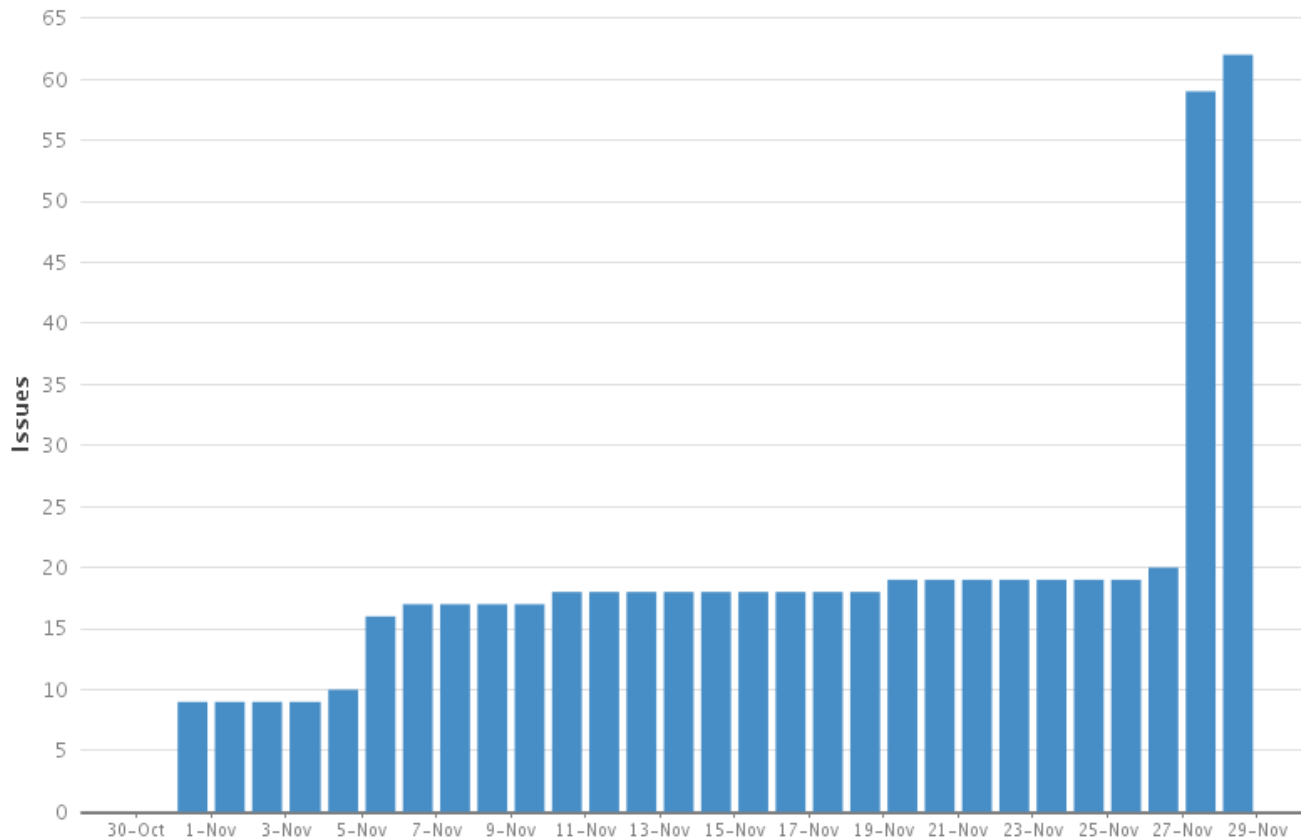
Project			Fri 1/Nov	Sat 2/Nov	Sun 3/Nov	Mon 4/Nov	Tue 5/Nov	Wed 6/Nov	Thu 7/Nov	Fri 8/Nov	Sat 9/Nov	Sun 10/Nov	Mon 11/Nov	Tue 12/Nov	Wed 13/Nov
CCView															
Total															
Project	Issue	Comment	Fri 1/Nov	Sat 2/Nov	Sun 3/Nov	Mon 4/Nov	Tue 5/Nov	Wed 6/Nov	Thu 7/Nov	Fri 8/Nov	Sat 9/Nov	Sun 10/Nov	Mon 11/Nov	Tue 12/Nov	Wed 13/Nov

Time Since Issues Report

Project: [CCView](#)

Chart:

This chart shows the number of issues based on the **Created** field on a given date over the past 30 days.



Time Tracking Report

- Hours not used in Agile, only Story points

Time Tracking Report for CCView.me





Only including sub-tasks with the selected version

Progress: 0%

0m completed from current total estimate of 0m

Accuracy: 0%

Issues in this version are on schedule with original estimate of 0m.

Key		Summary		Original Estimate		Est. Time Remaining		Time Spent		Accuracy	
					Σ		Σ		Σ		Σ
	CCVIEW-2		Upload a new deck to the CCView cloud	-	-	-	-	-	-	-	-
	CCVIEW-1		Present my current slide over the web to a remote viewer	-	-	-	-	-	-	-	-
Total				0m		0m		0m		on track	

User Workload Report

- Hours not used in Agile, only Story points

Workload report for user [Xavier](#) ([choose another](#))

Projects		Assigned Issues	Workload
CCView	1		0 minutes
Total		1	0 minutes

Version Workload Report

- Hours not used in Agile, only Story points

▼ Summary

[illegible]

Workload Pie Chart Report

- Hours not used in Agile, only Story points

Report: Workload Pie Chart Report

Description:

A report showing the issues for a project or filter as a pie chart.

Project or Saved Filter [Discover](#) [Change Filter or Project...](#)

Project or saved filter to use as the basis for the graph

Statistic Type:

Select which type of statistic to display for this filter.

Time field to report on

se for this report

Original Estimate

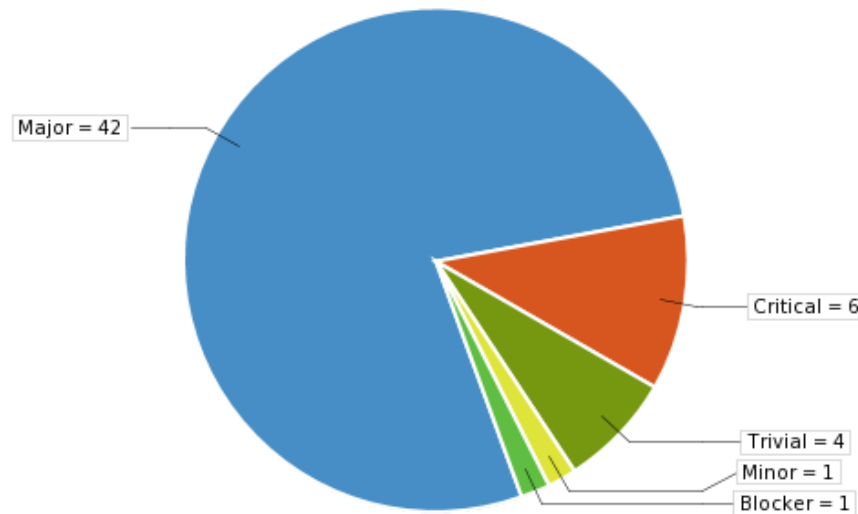
Time Spent

Next

Cancel

Create Your Own Reports

- Create any report you can think of (and JQL-it!)
- Create a filter
- Create a dashboard
- Add one of the Gadgets
- Get the info you need!



Let's see how...

About Reporting

- JIRA Agile provides vast information in Report Mode
- Also available JIRA's OOTB reports
- Create your own reports

