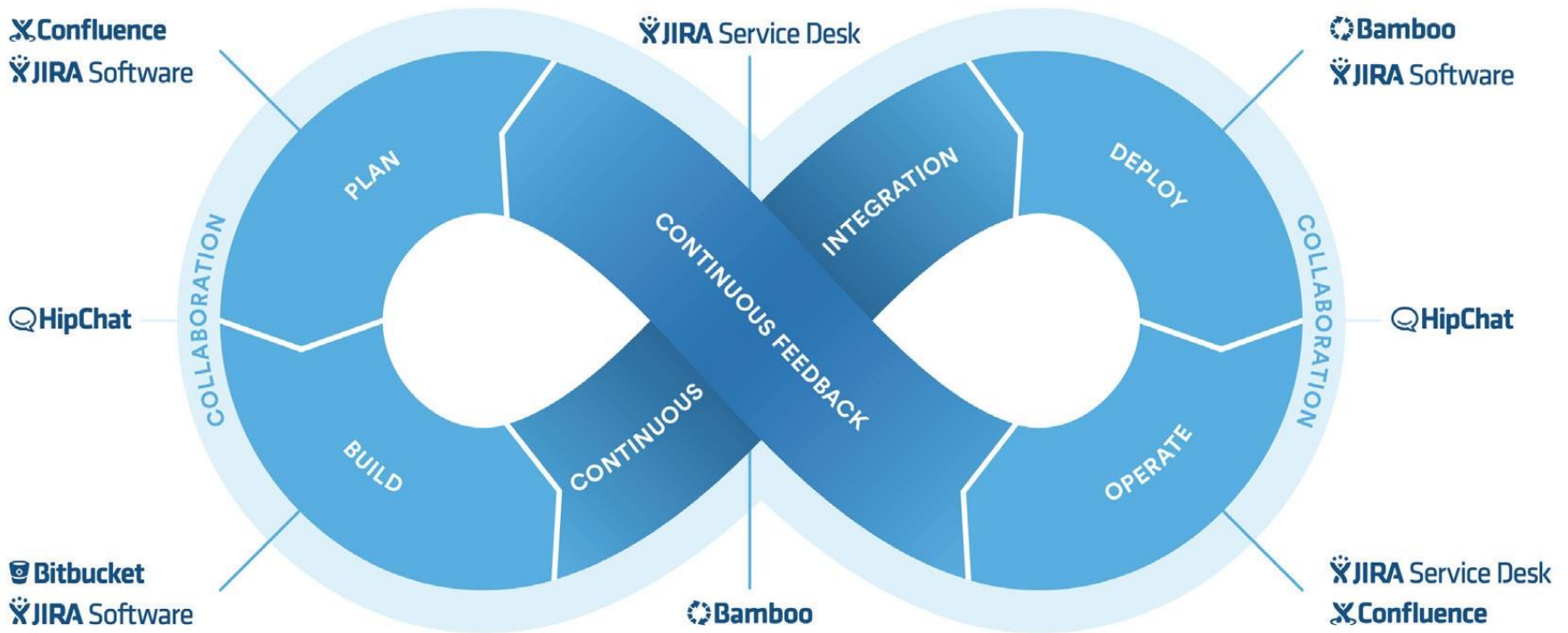




Tooling should not drive an Agile transformation, but JIRA has shown to be the most robust and flexible when it comes to a pragmatic approach to implementing Agile at scale inside an organization.

Holistic, Systems Thinking Approach



Agile and Issue Tracking Tools



Track, Plan, Analyze

Project tracking for great product teams. Track anything – issues, bugs, tasks, deadlines, code, and hours – to stay on top of every team's activity.



Agile Project Management
Agile project management for teams using Scrum or Kanban boards.



Exploratory Testing for Agile Teams
Rapid bug reporting for session-based web application testing.

Collaboration and Content Sharing Tools



Content Collaboration

Content collaboration tool for teams to create, share, and discuss rich content – docs, files, ideas, specs, diagrams, mock-ups, anything.



Manage projects, events, and people.



Connect Confluence with SharePoint.

DVCS Solutions – Behind the Firewall or in the Cloud



Unlimited Git Code Hosting

Store all of your Git and Mercurial source code in one place, in the cloud with free unlimited private repositories. Includes issue tracking, wiki, and pull requests.

Code Quality Tools



Browse & Search Code
Browse, search, and track
your source code
repositories.



Peer Code Review
Find bugs and improve code
quality through peer
feedback.



Continuous Integration
Continuous integration,
deployment and release
management.



Java Code Coverage
Prioritize time spent creating and
updating tests, and speed up your
builds.

Jira Service Desk



Collect, Service, Report.

JIRA Service Desk combines an intuitive user experience for
your customers with powerful SLA support, customizable
queues, automated request management, and real-time
reporting.

At the Program Portfolio level, you can extend your holistic JIRA implementation to include Big Picture and Structure.

Structure

Structure is a JIRA add-on that organizes issues into custom hierarchies with as many levels as desired. It also shows progress roll-up of issues in different ways.

New Structures

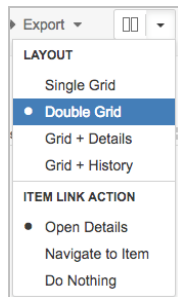
Structure dropdown > **Create Structure**

Create structure based on a JIRA project (Backlog), on an Agile Board (Agile), or create a blank Structure (Empty).

Note: When choosing the Backlog or Agile Structure, the options chosen will be saved as rules (generators) and will automatically keep issues in sync based on those rules.

Layout

Switch layouts to view a single or double grid. Each grid is either a structure or tools to search for issues. Compare and/or move issues from one side to the other.



Adding Issues

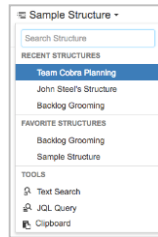
Manually add issues by creating new issues or searching for existing issues and dragging them into the Structure.

Structure Widget

The main screen where issues are listed, columns selected, progress shown, and actions available.

Title Menu

Switch to other Structures or use tools to filter items in the current structure.



Selecting & Moving Issues

Select circle at far left of issue. Drag items or use buttons to move up, down, or set as parent (outdent) or child (indent). Want to undo? Click **Undo Drag and Drop** link at the bottom of window

Add Columns

Customize displayed columns by adding new ones, editing their configuration, or switching to a new view.

Click the + symbol to the far right of the Structure. Add columns such as icons, JIRA fields, or progress columns. Sort columns and drag them left/right as desired.

Progress Column

Customize calculation of progress column. View progress of individual issues and roll-up of indented issues based on options such as logged work or status. Example of progress based on status:

Name	Progress	
Type	Progress	
	☐ Show Percentage	
ISSUE PROGRESS		
Based On	Status	
% by Status	Open	0%
	In Development	50%
	In Testing	75%
	Closed	100%

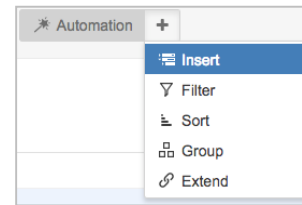
Automation

Switch on Automation to add generators

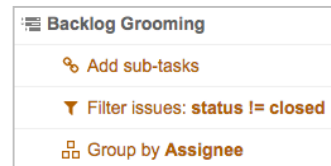
(rules) to create dynamic structures. Any changes made in JIRA will update automatically in Structure.

Generators

Rules that define how issues should be organized in the structure. There are five types of generators.



Order is important! Create the desired structure by moving generators up or down in the right order.



Insert Generator

Automatically adds issues specified in a particular way such as a JQL query, Epics or Stories from an agile board, or an entire structure.

Filter Generator

Uses a query to filter out issues.

Sort Generator

Orders issues in a specified way.

Group Generator

Groups issues based on specified JIRA fields.

Extend Generator

Includes additional issues that relate to those in the structure such as

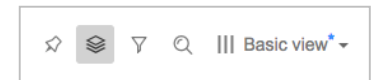
linked issues, stories under epics, or sub-tasks.

Manual Structures

Add > Search & Add to manually insert issues into a Structure. This will open another grid on the right where you may search for issues and drag them into the Structure on the left. Achieve the same by choosing the Double Grid layout, then search for issues to add.

Transformations

Transformations allow you to reorganize and filter the issues you see in an entire structure.



1. Click the transformation icon
2. Click **Add transformation** at the top of your structure
3. Choose **filter**, **sort**, **group**, or **extend**

Apply to structure by clicking on or off the transformation button.

Save as a Quick Transformation for later use.

1. Select white triangle on the transformation button
2. Choose Save as Quick Transformation
3. Will be added to list of other transformations

Access Quick Transformations by selecting the filter icon at the top right of the structure.

Shortcuts

Click Ctrl + ? for list of Structure keyboard shortcuts.

BigPicture Enterprise

BigPicture is a project portfolio management tool that allows for high level roadmapping and scheduling as well as cross-team planning over multiple sprints.

BigPicture Programs

BigPicture is made up of programs. Each program is based on a JIRA filter which may be on one project, within a project, or across multiple JIRA projects.

Each program has its own set of views: Gantt, Roadmap, Resources, Risks, and Teams.

Gantt View

View scheduled issues across multiple JIRA projects in a Gantt View. Issues in the program are listed along the left in the columns section, while the schedule is on the right based on Start date and End date fields in JIRA.

Perspectives

Perspectives are saved sets of column configurations that users can select while viewing the Gantt. A program Admin can create perspectives for users to select.

Sorting & Grouping Tasks

Sort tasks ascending or descending by any visible column. Tasks will maintain their hierarchy and sort within it.

Group tasks by any visible column. May even select multiple columns for multi-level grouping.

Add JIRA Tasks & Artificial Tasks

New JIRA tasks will be seen in both JIRA and BigPicture. JIRA tasks will be visible only if they match the program's filter.

Artificial tasks are only visible in BigPicture and are good for placeholders or temporary tasks. Artificial tasks do not include fields like JIRA issues do.

Milestones

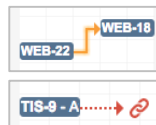
May turn a JIRA task or artificial task into a milestone. Turning a JIRA task into a milestone will delete all info captured in any field so it's recommended to turn an artificial task into a milestone because it does not have any additional data.

1. Task > Add Task > Artificial Task
2. Find Artificial task in list
3. On the right of the task, click "... " > Task type > Milestone

Dependencies

Dependencies can be created and edited in JIRA or in BigPicture and are based on specific JIRA issue link types.

Orange arrows on the Gantt signify dependencies on tasks within the program. Red links signify dependencies on tasks from another program.



Roadmap View

View and distribute work from a single backlog of issues to multiple teams across multiple sprints.

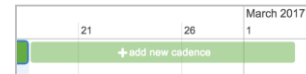
Program Increment

Under **Add** menu > **Program Increment**
The program increment may span across as many cadences as your team sees fit.

Cadences

Under **Add** menu > **Cadence** or click on the

green bar + **add new cadence**
Map to sprints on JIRA agile boards.

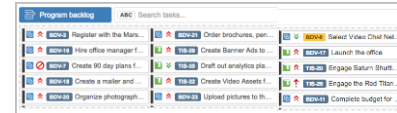


May map a single cadence to sprints on different boards as this ensures timeframe alignment in sprints.

Program Backlog

Unresolved issues matching the program's filter criteria are listed in the program backlog.

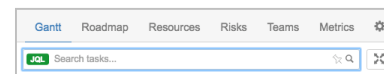
Plan sprints by dragging and dropping issues from this backlog to the cadences/sprints and teams section. Any changes in BigPicture will be reflected on the agile board and vice versa.



Searching

Search within the Program backlog by JQL or by text (ABC). This will filter the issues visible to easily find those you want.

Use the search bar located on the top right of the Gantt and Roadmap views to filter the issues shown on the entire view (not just within the program backlog).



Links (Dependencies)

Dependencies can be defined in JIRA or in BigPicture. There are two types of links shown on the Roadmap:

Good links – appear green and are in a logical order

Bad links – appear red and not in the proper sequence

Note: Dependency links are only visible across cadences; they are not visible within a cadence.

Resources View

Manage available work capacity within programs or across programs for each resource. Color of the estimates is based on capacity level for a resource. Reassign work if resource is over allocated.



Green = under capacity

Yellow = at capacity

Red = over capacity

Workload Plans & Holiday Plans

Create workload plans for different types of resources: full time, part time, contractors, etc. Assign resources to each workload plan.

Create holiday plans to account for different holidays worldwide. Assign resources to each holiday plan.

Risks View

View issues on a matrix based on the likelihood of the risk and severity of that risk. Make informed decisions based on risk assessment.

Risk Matrix shows issues that use the fields: Risk Probability and Risk Consequence.

