



Sprinting through JIRA: Changing Landscape of BIOSTAT/PROGRAMMING Tracking

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Agenda

- A little Background- What is JIRA ?
- Logging into JIRA
- Planning a project in JIRA
- Running a project in JIRA
 - As the Programming Lead
 - As a member of the Team
 - As Statistician
- Reviewing Status



Programming Tracker (Excel)

- Tracks TLF Numbers, Headers, and Footers
- Associates TLF Numbers to Programs
- Tracks status of Programs
- Validation Tracker
- Collects changes for TLFs
- Project Metrics



What is JIRA

JIRA is a web based tool used for issue tracking and project management. It is used by most of the major software companies for tracking the development of software on a timely basis.

JIRA is based on a concept known as Agile Development. In Agile Development, the team (programmers) plan the work to be done and then commit to completing the work in a given time period. That is normally 1-2 weeks of effort.

The JIRA dashboard consists of many useful functions and features which make handling of issues easy.

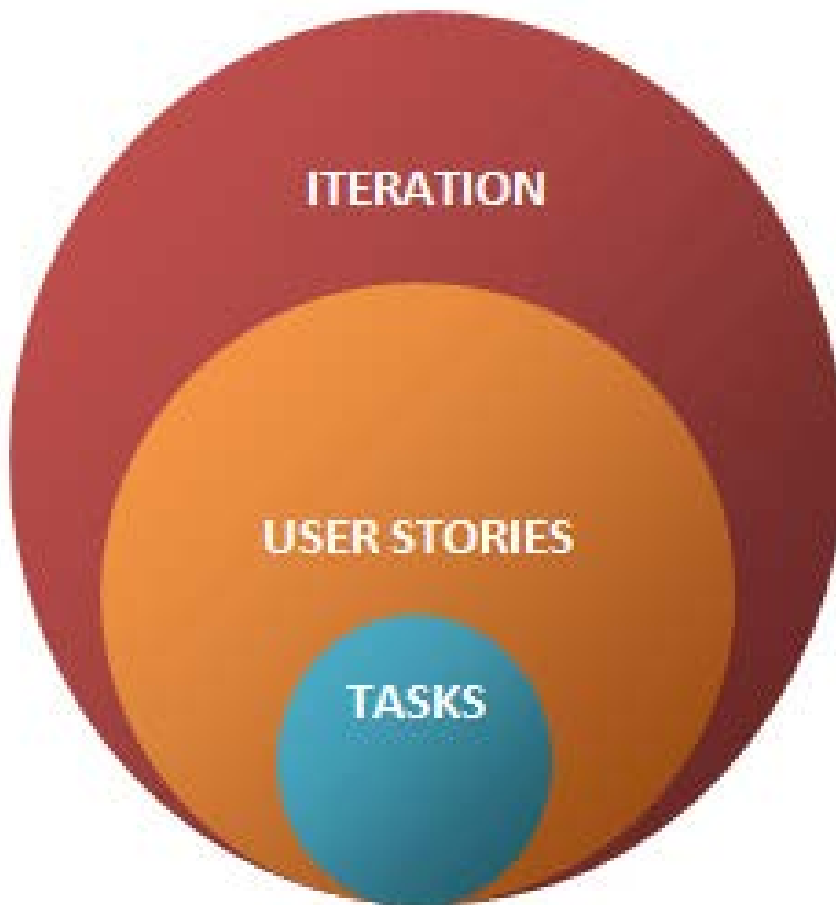
Jira Supports Project tracking and progress better than Excel.



Why are we moving to Jira

- Online tool built for interactive use by teams
- Enables Communication on Teams
- Supports Validation Tracking on Teams
- Keeps all Team communication in one spot
- It lets you prioritize, assign, track, report and audit your 'issues', from software bugs and helpdesk tickets to project tasks and change requests.
- Improves productivity by cutting down on time wasted on tracking issues and coordination
- Improves quality by ensuring all tasks are recorded down with all the details and followed up till completion

The Core of Program Tracking



The communication which occurred in getting the story complete. This includes validator comments and QC comments and revisions.

What do you intend to complete, such as a dataset or a series of TFLs with a desired analysis

The task is normally a program to be built but can also be an activity like running programs.



Working in JIRA

A Task in JIRA

The screenshot shows the 'Create Issue' form in JIRA. The browser address bar indicates the URL is `jira.pharmanet.com/secure/RapidBoard.jspa?rapidView=25&view=planning.nodetail`. The form has a title 'Create Issue' and a 'Configure Fields' button. The 'Project' field is set to 'inVentiv Demo (XXXIVHDE...)'. The 'Issue Type' field is set to 'Specification'. The 'Summary' field is empty. The 'Description' field is empty. The 'Story Points' field is empty. At the bottom, there are buttons for 'Create another', 'Create', and 'Cancel'. Annotations with arrows point to the 'Project' field, the 'Issue Type' field, the 'Summary' field, and the 'Description' field.

Project* inVentiv Demo (XXXIVHDE...)

Issue Type* Specification

Summary*

Description*

Story Points

Measurement of complexity and/or size of a requirement.

Create another Create Cancel

The project the task is intended for

What kind of task is it.
Options are:

- Specification
- Program
- Task

The name of the program or task

The description of the program or task. Such as the TFL names.

Story Points

Where is my field? - JIRA x Create Issue - JIRA - inVe x BTG plc | Products x

jira.pharmanet.com/secure/RapidBoard.jspa?rapidView=25&view=planning.nodetail

You have temporary access to administrative functions. Drop access if you no longer require it. For more information, refer to documentation.

Create Issue Configure Fields

Project* inVentiv Demo (XXXIVHDE...)

Issue Type* Specification ?

Summary*

Description*

Story Points

Measurement of complexity and/or size of a requirement.

☐ Create another Create Cancel

A story point is an estimate of the amount of time a program / task is going to take to complete

For a specification, include writing and reviews.

For a program, include primary, validation, and Stat QC.

Typical Story Point Values

Specification

- 1 – SDTM DM, ADaM MH, TFL – Disposition
- 2 – SDTM AE, ADaM DS, TFL Demography
- 4 – SDTM EX, ADaM ADEFF, TFL AE, CM, Eff
- 8 – SDTM TU/TR, ADaM ADEVENT, TFL - Recist

Programs

- 2 – SDTM DM, TDD, TFL Listings
- 4 – SDTM AE, ADaM ADCM, TFL Descriptive
- 8 – SDTM EX, ADaM ADSL, TFL Descriptive w/p-value
- 16 – SDTM LB, ADaM Efficacy, TFL - NONE

Please note these are ESTIMATES. Your values are based on your knowledge of the actual study.



Strategy for Estimating Story Points

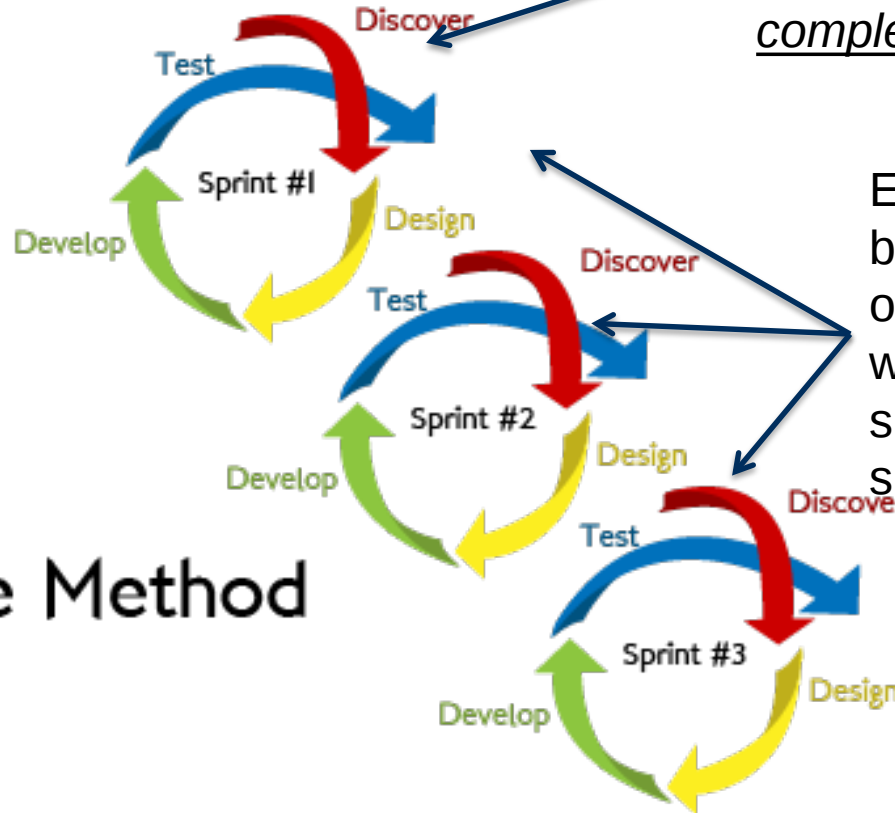
- Experience
 - Leads with time on project can normally estimate rather accurately the time for a task to complete.
- Team Experience
 - Enter Specifications and Programs w/o Story Points
 - Assign Individuals with experience to estimate the tasks
- Team Discussion
 - Enter Specifications and Programs w/o Story Points
 - Run a WebEx where the team decides the story points per task

The Sprint

A sprint is a group of tasks (specifications and/or programs) to be completed.

Each sprint should be an equal amount of time. Normally 1-2 weeks. A delivery should be 3 or more sprints.

Agile Method



The look of a sprint

The screenshot displays a Jira Agile Board for a project named 'xxxIVHDEMO'. The board is titled 'Sprint 03APR2017' and shows a progress bar at the top indicating '0 days remaining' and a 'Complete Sprint' button. Below the title, there are quick filters: 'Needs Sr Review', 'Only My Issues', and 'Recently Updated'. The board is divided into five columns: 'To Do', 'In Progress', 'Validation', 'Stat QC', and 'Done'. A message in the center of the board states 'No issues are currently visible Check the board configuration'. Five blue arrows originate from the text 'The activities for each task' and point to each of the five columns, indicating the workflow stages.



Roles within JIRA

- Programming Lead
 - Creates the TASKS within JIRA for their project
 - Assigns STORY POINTS based on real time needed
- Biostats & Programming Team
 - Commits the amount of time to spend for each SPRINT
 - Works with the Lead to assign TASKS to SPRINTS
- Individual Programmer & Statistician
 - Update the TASK on the SPRINT with each ACTIVITY
 - Add Comments as TASKS move from each Activity
- Biostats and Programming Team
 - Review all TASKS not done at end of week
 - Plan for next weeks SPRINT

Q & A





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