Automation

Automation is a powerful feature that lets you create **dynamic structures**, which will update themselves when there are changes in Jira (and can update Jira when you make changes in the structure).

You can make parts of a manually created structure dynamic – for example, automatically place all issues that match a query under a manually added folder – or you can build your entire structure using automation.

How Automation Works

Automation works through **generators** – special rules that tell Structure what issues to show you from Jira and where to place them within the structure. We like to think of this as the "skeleton" of a structure.

Every time you open a structure, these generators will run again and completely rebuild the structure, based on the current information available in Jira. In fact, Structure will continue to check for changes even while the structure is open, ensuring that the information you are seeing is up-to-date, without needing to reload the page.

Generator Scope

Generators are added right inside the structure, just like other items, and their scope is defined by their position within the structure. Place the generator at the top of the structure, and it will impact the entire structure. Place it under a folder, and it will only affect items within that folder.

Types of Generators

- Insert Generators — Insert generators allow you to automatically add issues to the structure.
- Filter Generators — Filter generators allow you to limit the scope of your structure by removing any issues that do not pass certain criteria.
- Sort Generators — Sort generators allow you to order your structure based on a Jira attribute, Structure attribute, or Agile rank.
- Group Generators — Group generators allow you to group issues by most standard Jira fields, custom fields provided by Jira and other issue attributes.
- Extend Generators — Extend generators allow you to add issues to a structure based on Issue Links, Epic Links and Sub-task relationships.