Resources Configuration

In the Resources section of the Gantt configuration you can configure the way resources are assigned to tasks and the default settings for resources.

This article covers resource assignment and setting default values for resources and tasks. To learn more about managing resources within your Gantt chart, see Resources.

Resource Assignment

You can assign resources to issues using a Jira field (including text, list and user fields) or a Structure attribute, such as a value calculated through Formulas.

Here are a few common examples of resource assignments:

- To use each task's assigned user as its resource, select Assignee.
- To use teams as resources, create a text custom field called "Teams" and populate it with team names accordingly. Structure.Gantt will automatically merge similar values.
- You can also combine these using a simple formula: "Assignee OR Team". If there is an Assignee for an issue, Structure will use that field. Otherwise, it will use the Team. (If you want to default to Team instead, switch the order of your formula: "Team OR Assignee".

By default, "None" value is selected.

> When no attribute is chosen (or there is no value for that attribute field), a "default" resource is used with default settings. This does not appear in your Resources chart, but it is listed on the Task Details Panel:
>
>

Default Resource Settings

In order to correctly allocate resources and place that information within your Gantt and Resource Usage charts, Structure.Gantt needs to determine the following parameters for each resource:

- **Units** - Defines the "size" of a resource. By default, the value is 1, which corresponds to 1 person. If you use teams as resources, and each team has 5 people able to use all available time to work on tasks, you would enter 5.
- **Time Zone** - Defines the default time zone of the resources.
- **Work Calendar** - Defines the default working and non-working hours for the resource.

Default Resource Settings

Units[*] — rendered as: Units *

Units *

```
1
```

Units value of a resource defines how much work can be done by that resource over a fixed amount of time. Typically, Units equals to the number of people represented by the resource.

Time Zone

```
(GMT+03:00) Moscow          ⌄
```

For user resources, the user's time zone is used as the default, regardless of this setting. Individual user's time zone can still be adjusted in the Resource Settings dialog.

Work Calendar *

```
40 hours per week           ⌄
```

Default values will be used when a resource does not have its own values specified or when no resource is provided. These values can be overwritten for individual resources, through Resource Settings. See Resources for more information.

Max Units

Task settings allow you to configure Maximum Units and Leveling Priority.

Max Units

Max. Units Attribute

```
Store in Gantt chart        ▾
```

Maximum number of resource units that can be assigned to a task. The value is based on the selected Jira field, Structure attribute or is stored in the Gantt chart. Click the task and enter a new value into Max. Units to change it.

Default Max. Units *

```
1
```

Default is used if no value is specified in the Task Details Panel.

Max. Units Attribute

Maximum Units defines the maximum number of resource units that can be allocated for a task. For example, if you set the default Resource Units (above) to 5 and the Maximum Units for a task to 1, that task won't be able to use more than 1/5 of a resource's capacity.

Max. Units Attribute allows you to select where the Maximum Units values are stored. You can choose a Jira field, Structure attribute or the Structure. Gantt database. Once selected, the Maximum Units value for each task can be set or updated using the Task Details panel. If a Jira field or Structure attribute is used, you can also update the maximum units for a task directly in your structure, by adding the appropriate column to your view.

Default Max. Units

This default value will be used when a task does not already have a maximum units value set.

Leveling Priority

Leveling Priority allows you to prioritize certain tasks when using the Resource Leveling feature in Structure.Gantt. When tasks need to be moved due to overallocation, those with higher priorities will be placed earlier in the timeline.

Leveling Priority   Store in Gantt chart   ▾

Priority used for resource leveling. Tasks with higher priority will be scheduled earlier.

Default Leveling Priority*   1

Default is used if no value is specified in the Task Details Panel.

You have the following options for assigning Leveling Priority:

- **Store in Gantt chart** - If this default option is selected, all tasks are assigned the Default Leveling Priority, unless a unique value is entered in the Task Details Panel.
- **Standard Attributes** - Priority can also be assigned based on an attribute, such as a custom field, Jira Rank, Story Points or Structure Index (in this case, the leveling priority is calculated as `maximum structure index - current item index`).
- **Formula** - Using Structure formulas, you can create custom calculations to determine the priority for each task.
- **Used in Columns** - You can also assign priorities based on an existing Structure column.

Once priorities are assigned:

- If no values are provided for a task, the Default Leveling Priority is used.
- You can override a task's assigned priority using the Task Details Panel. If you're using a Jira field for priority, the value of that field will also be updated. If you're using a formula, the new value will simply be stored in the Gantt chart.

✅   Leveling Priority settings can be customized for specific issues using Slices.