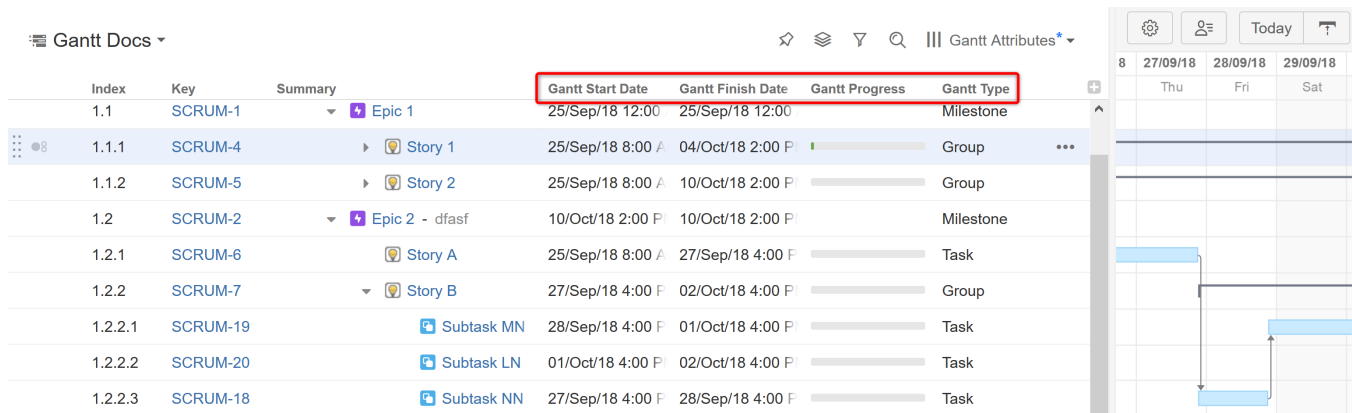


# Using Gantt Attributes in Structure

Once you've created a Gantt chart, you can view and utilize its attributes within the corresponding structure. Gantt attributes can be turned into structure columns, used as variables in formulas or used in transformations.



The screenshot shows a Gantt chart interface. On the left is a table with columns: Index, Key, Summary, Gantt Start Date, Gantt Finish Date, Gantt Progress, and Gantt Type. The table contains tasks grouped under 'Epic 1' and 'Epic 2'. On the right is a Gantt chart showing the timeline of these tasks. The 'Gantt Start Date', 'Gantt Finish Date', 'Gantt Progress', and 'Gantt Type' columns are highlighted with a red box.

Index	Key	Summary	Gantt Start Date	Gantt Finish Date	Gantt Progress	Gantt Type
1.1	SCRUM-1	Epic 1	25/Sep/18 12:00	25/Sep/18 12:00		Milestone
1.1.1	SCRUM-4	Story 1	25/Sep/18 8:00 A	04/Oct/18 2:00 P		Group
1.1.2	SCRUM-5	Story 2	25/Sep/18 8:00 A	10/Oct/18 2:00 P		Group
1.2	SCRUM-2	Epic 2 - dfaef	10/Oct/18 2:00 P	10/Oct/18 2:00 P		Milestone
1.2.1	SCRUM-6	Story A	25/Sep/18 8:00 A	27/Sep/18 4:00 P		Task
1.2.2	SCRUM-7	Story B	27/Sep/18 4:00 P	02/Oct/18 4:00 P		Group
1.2.2.1	SCRUM-19	Subtask MN	28/Sep/18 4:00 P	01/Oct/18 4:00 P		Task
1.2.2.2	SCRUM-20	Subtask LN	01/Oct/18 4:00 P	02/Oct/18 4:00 P		Task
1.2.2.3	SCRUM-18	Subtask NN	27/Sep/18 4:00 P	28/Sep/18 4:00 P		Task

The following Gantt attributes can be added to a structure:

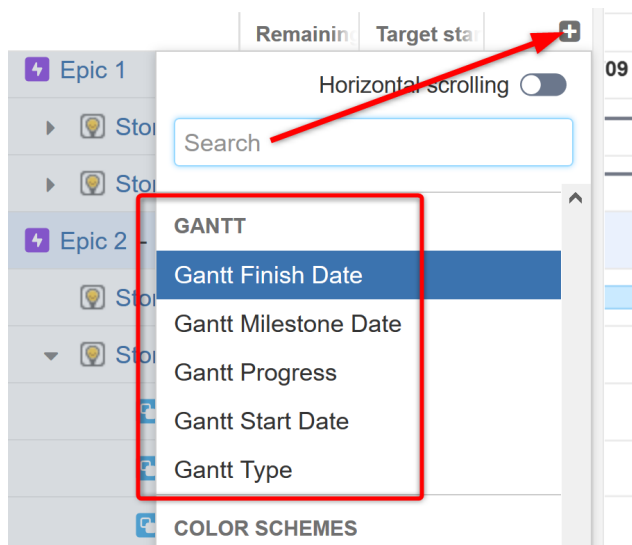
- Gantt Start Date
- Gantt Finish Date
- Gantt Milestone Date
- Gantt Progress
- Gantt Type



It is not possible to use Gantt attributes in Structure [Automations](#).

## Adding a Gantt Attribute Column to a Structure

To add a Gantt attribute to your structure, click the + icon to the right of the column headers to [create a new column in the structure](#). Scroll down to the Gantt section, or begin typing the attribute name in the search field, and select the desired attribute.



## Using Gantt Attributes in Formulas

Structure.Gantt attributes can also be used in Structure formulas. Simply enter a new variable into your formula and assign it to the appropriate Gantt attribute.

Name: Time to Complete

Type: Formula

Formula: `If(GanttType != "Milestone", GanttFinishDate - GanttStartDate)`

Variables: < Back to Variable List

Options:

- GanttType
- Gantt finish
- Gantt Finish Date
- Gantt Milestone Date
- Gantt Progress
- Gantt Start Date
- Gantt Type
- Issue Type

To learn more about using formulas and variables in Structure, see [Formula Columns](#).

## Using Gantt Attributes in Transformations

Using Transformations, you can sort items in your structure by their Gantt attributes. To do so, open the Transformations panel and select **Add Transformation | Sort**.

Gantt Docs

Key Summary TP Team Original Estimate

+ Add transformation

- Filter
- Sort
- Group
- Extend

Key	Summary	TP	Team	Original Estimate
Story 1	Story 1	=	Team 1	2d
Story 2	Story 2	=	Team 1	1w
Story 3	Story 3	=	Team 2	3d
Task E	Task E	=	Team 1	3w
GANTTDOCS-4	Story 4	=	Team 1	1w

In the **Sort by...** menu, select **Attribute...**

Gantt Docs

Index Key Summary Remainin Target st Time to Comp Gantt Sta

Sort by... Ascending Descending

Search

text (single)

Time Spent

Updated

Votes

Watchers

Work Ratio

issueFunction

Agile Rank...

Attribute...

Manual Reordering...

Remove

Scrum	5w 6d 15h	25/Sep/1
Epic 1		25/Sep/1
Story 1	1w 2d 6h	25/Sep/1
Story 2	2w 1d 6h	25/Sep/1
Epic 2 - dfasf		10/Oct/1
Story A	2d 7h	25/Sep/1
Story B	5d	27/Sep/1
Subta	3d	28/Sep/1
Subta	1d	01/Oct/1
Subta	1d	27/Sep/1

Use the drop-down or search to select the appropriate Gantt Attribute.

Sort by Attribute

Runs As Admin

Order By Select attribute...

Sort Levels

Sort Direction

Gantt Finish Date

Gantt Milestone Date

Gantt Progress

Gantt Start Date

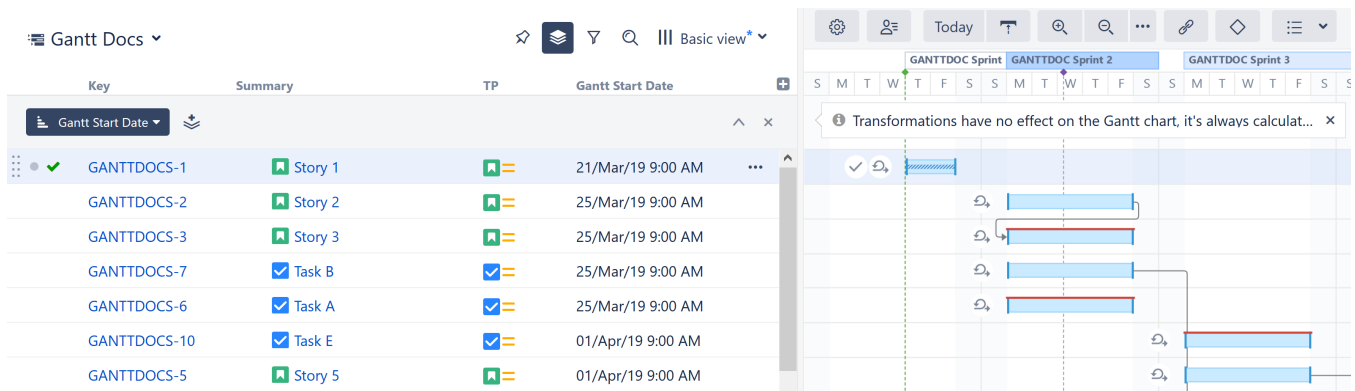
Gantt Type

Issue Type

IssuedCF

Apply Cancel

Once you click apply, your items will now be sorted accordingly.



You can also group items by some Gantt attributes using the Group by | Text Attribute transformation. Currently, this only works for Gantt Progress and Gantt Type attributes.