

# Progress Based on Percent Field

The progress is assigned to each issue manually in a custom field, and aggregated for parent issues.

You can use any numeric JIRA custom field to store the current progress % – a value from 0 to 100.

## Calculating Progress for Issue Without Sub-Issues

If the issue does not have sub-issues:

- If the issue's Resolution field is not empty, and **Apply Resolution** is turned on, the progress is 100%.
- If the issue's Custom Field value is not empty and is between 0 and 100, it's considered as the completion progress in percents.
- If the issue's Custom Field value is less than 0, the progress is 0%, if greater than 100, the progress is 100%.
- Otherwise, the progress is undefined, so such issue neither shows any progress, nor affects progress of its parent issue.

## Calculating Progress for Issue with Sub-Issues

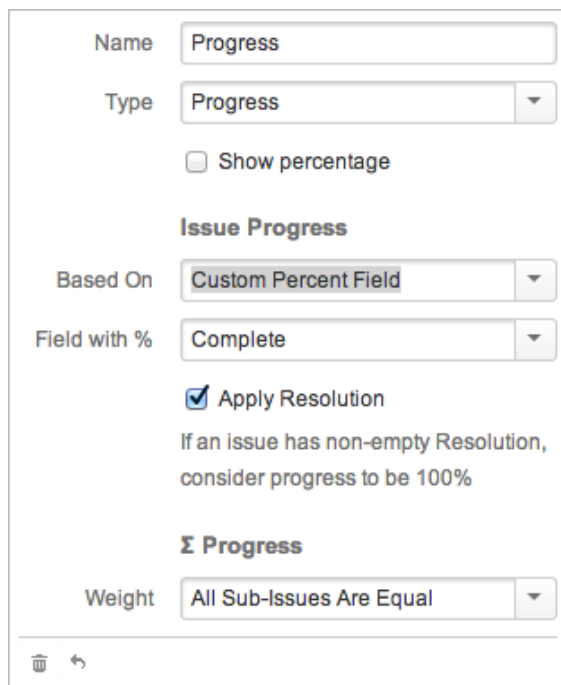
If the issue does have sub-issues:

- If the issue's Resolution field is not empty, and **Apply Resolution** is turned on, the progress is 100% – regardless of the sub-issues progress.
- If the issue's Custom Field value is not empty, it's considered as that issue's completion progress in percents (from 0 to 100) – regardless of the sub-issues progress.
- Otherwise, sub-issues progress is aggregated sum of progress with chosen weights.

## Examples

### A: Percent Field, All Sub-Issues Are Equal

Custom field named *Complete*, total progress is based on **All Sub-Issues Are Equal**, and **Apply Resolution** is turned on.



The screenshot shows the 'Column Configuration' dialog for a progress field. The 'Name' is 'Progress' and the 'Type' is 'Progress'. The 'Show percentage' checkbox is unchecked. Under the 'Issue Progress' section, 'Based On' is set to 'Custom Percent Field' and 'Field with %' is set to 'Complete'. The 'Apply Resolution' checkbox is checked, with a note: 'If an issue has non-empty Resolution, consider progress to be 100%'. Under the 'Σ Progress' section, the 'Weight' is set to 'All Sub-Issues Are Equal'. At the bottom, there are icons for deleting and adding configurations.

Name	Progress
Type	Progress
<input type="checkbox"/> Show percentage	
<b>Issue Progress</b>	
Based On	Custom Percent Field
Field with %	Complete
<input checked="" type="checkbox"/> Apply Resolution	
If an issue has non-empty Resolution, consider progress to be 100%	
<b>Σ Progress</b>	
Weight	All Sub-Issues Are Equal

*Column Configuration*

	Summary	Complete	Progress
▼	Top Issue		<div><div></div></div>
▼	Sub-Issue 1		<div><div></div></div>
	Sub-sub-Issue 1.1	50	<div><div></div></div>
✓	Sub-sub-Issue 1.2		<div><div></div></div>
	Sub-sub-Issue 1.3		
●	Sub-sub-issue 1.4	0	<div><div></div></div>
	Sub-Issue 2	25	<div><div></div></div>

Sample Structure

Issue	Explanation	Progress
Sub-sub-issue 1.1	This issue is 50% complete as specified by custom field	50%
Sub-sub-issue 1.2	This issue is resolved (indicated by the green mark) - so it is complete, even if "Complete" field is empty	100%
Sub-sub-issue 1.3	This issue has no progress information (neither "Resolution" nor "Complete" fields), so progress is undefined and not counted at all.	n/a
Sub-sub-issue 1.4	This issue has 0 "Complete" value, which means it's 0% complete	0%
Sub-issue 1	It has two four sub-issues, but 1.3 is ignored. So the total progress is average of the rest: $(50 + 100 + 0) / 3$	50%
Sub-issue 2	The issue is 25% complete as specified by custom field	25%
Top issue	It has two sub-issues: sub-issue 1 is 50% done and sub-issue 2 is 25% done. So the progress is average between two $(25 + 50) / 2$	38%

## B: Percent Field, Story Points

Custom field named *Complete*, total progress is based on the field *Story Points*, and **Apply Resolution** is turned on.

Name

Progress

Type

Progress

☐

Show percentage

Issue Progress

Based On

Custom Percent Field

Field with %

Complete

☒

Apply Resolution

If an issue has non-empty Resolution,  
consider progress to be 100%

Σ Progress

Weight

Story Points

Column Configuration

	Summary	Complete	Story Points	Progress
	▼ Top Issue			<div></div>
	▼ Sub-Issue 1			<div></div>
	Sub-sub-Issue 1.1	50	2	<div></div>
✓	Sub-sub-Issue 1.2		3	<div></div>
	Sub-sub-Issue 1.3			
⋮ ●	Sub-sub-Issue 1.4	0		<div></div>
	Sub-Issue 2	25	1	<div></div>

Sample Structure

Issue	Explanation	Progress
Sub-sub-issue 1.1	This issue is 50% complete as specified by custom field and has 2 story points	50%
Sub-sub-issue 1.2	This issue is resolved (indicated by the green mark) - so it is complete, even if "Complete" field is empty and has 3 stroy points	100%
Sub-sub-issue 1.3	This issue has no progress information (neither "Resolution" nor "Complete" fields), so progress is undefined and not counted at all.	n/a
Sub-sub-issue 1.4	This issue has 0 "Complete" value, which means it's 0% complete. It has no story points, so it's counted as mean of 2 and 3 = 2.5	0%
Sub-issue 1	It has two four sub-issues, but 1.3 is ignored. So the total progress is weighted average of the rest: $(50 \times 2 + 100 \times 3 + 0 \times 2.5) / (2 + 3)$	53%
Sub-issue 2	The issue is 25% complete as specified by custom field and has 1 story point	25%

Top issue	It has two sub-issues: sub-issue 1 is 53% done and sub-issue 2 is 25% done. So the progress is calculated as $(53 \times 7.5 + 25 \times 1) / (7.5 + 1)$	50%
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