## Progress Column

The Progress column displays the aggregate issue progress, based on the issue's state, time tracking info and its sub-issues.

Progress is the custom Structure column, not available in the Issue Navigator or other standard JIRA views.

## How is Progress Calculated?

The progress is calculated based on the issue's Resolution field, time tracking data and the progress of sub-issues to give best estimate of the issue completion progress based on the extrapolation of the available data.

## Calculating Progress for Issue Without Sub-Issues

If the issue does not have sub-issues:

- If the issue's Resolution field is not empty, the progress is $100 \%$.
- Otherwise, if the issue has time tracking information, the progress is calculated proportionally to this issue completion\%: (Time Spent) / (Time Spent + Remaining Estimate)
- Otherwise, the progress is $0 \%$.


## Calculating Progress for Issue with Sub-Issues

If the issue does have sub-issues:

- If the issue's Resolution field is not empty, the progress is $100 \%$ - regardless of the sub-issues progress.
- If the issue and its sub-issues do not have estimates or work logged (or if time tracking is turned off), the progress is calculated as the average from the sub-issues progresses.
- If time tracking is used and all issues have an estimate (either original estimate or remaining estimate) - the estimates and total work logged are summed up and the progress is calculated as the total completion\%: (Total Time Spent) / (Total Time Spent + Total Remaining Estimate)
- If a sub-issue does not have time tracking information, it is counted in as an average sub-issue, based on the mean total time (mean time spent + remaining estimate)

If the issue has both its own time tracking information and sub-issues with progress, its own progress value is counted as if was the progress of its another sub-issue.

## Examples

## 1. Example without time estimates

| $\boldsymbol{n}$ | Summary | Progress |
| :--- | :--- | :--- |
| $\vdots$ | - Top issue |  |
|  | Sub-issue 1 | $\square$ |
| $\boldsymbol{~ - ~ S u b - i s s u e ~ 2 ~}$ |  |  |
|  | Sub-sub-issue 2.1 |  |
|  | Sub-sub-issue 2.2 | $\square$ |


| Issue | Explanation | Progress |
| :--- | :--- | :--- |
| Sub-sub-issue <br> 2.1 | This issue is resolved (indicated by the green mark) - so it is complete | $100 \%$ |
| Sub-issue 2 | It has two sub-issues with $100 \%$ and $0 \%$ progress, the total progress is average value | $50 \%$ |
| Top issue | It has two sub-issues: sub-issue 1 is $0 \%$ done and sub-issue 2 is $50 \%$ done, the mean value is <br> $25 \%$ | $25 \%$ |

2. Example with time tracking information

| ヘ | Summary | Progress | Time Spt | Remaining |
| :---: | :---: | :---: | :---: | :---: |
|  | －Top issue | $\square$ |  |  |
|  | Sub－issue 1 | $\square$ | 3 days | 1 day |
| 菖 | Sub－issue 2 | $\square$ |  | 1 day |


| Issue | Explanation | Progress |
| :--- | :--- | :--- |
| Sub－issue <br> 1 | It has 3 days of work logged with 1 day remaining，so its progress is time spent $/$ total time $=3 /(3+1)$ | $75 \%$ |
| Sub－issue <br> 2 | This issue does not have any work logged，is not resolved and does not have sub－issues |  |
| Top issue | The top issue has total time spent of 3 days（work logged on sub－issue 1）and 2 total days remaining（estimates on sub－issue 1 and sub－ <br> issue 2），so its progress $3 /(3+2)$. | $0 \%$ |

3．More complex example

| ヘ | Summary | Progress | Time Spt | Remaining |
| :---: | :---: | :---: | :---: | :---: |
|  | －Top issue | $\square$ |  |  |
|  | Sub－issue 1 | $\square$ | 3 days | 1 day |
|  | －Sub－issue 2 | $\square$ |  | 1 day |
|  | Sub－sub－issue 2.1 | $\square$ | 2 days | 1 day |
| \＃ | Sub－sub－issue 2.2 |  | 1 day | 0 minutes |
|  | Sub－issue 3 | $\square$ |  |  |


| Issue | Explanation | Progress |
| :---: | :---: | :---: |
| Sub－sub－ issue 2.1 | It has 2 days of work logged and 1 day remaining，the progress is $2 /(2+1)$ | 66\％ |
| Sub－sub－ issue 2.2 | This issue has 1 day of work logged and no work remaining－so even though it is not resolved，it＇s considered completed | 100\％ |
| Sub－ <br> issue 2 | It has total time spent of 3 days，and total remaining estimate of 2 days（the remaining time from sub－sub－issue 2.1 and its own 1 day，which is considered additional work，besides sub－issues）．The progress is $3 /(3+2)$ ． | 60\％ |
| Sub－ issue 1 | This one has 3 days of work logged and 1 day remaining－the progress is $3 /(3+1)$ | 75\％ |
| Top issu e | The progress of the top issue is calculated as follows．The obvious total time spent is 6 days，total remaining estimate is 3 days（count in all sub－issues on all levels）．But there＇s also sub－issue 3，which does not have estimates or work logged，so it＇s estimated based on the average among the Top Issue＇s children issues－sub－issue 1 and sub－issue 2 ．the average between total time of sub－issue $1(3+1=4$ days）and total time of sub－issue $2(3+2=5$ days $)$ is 4.5 days．So sub－issue 3 is treated as if it has total time 4.5 days（and given its $0 \%$ progress that＇s 0 days spent and 4.5 days remaining）．That yields for the top issue：total time spent is 6 days，total remaining time is 7.5 days，and the progress is $6 /(6+7.5)$ ，which gives $44 \%$ value． | 44\％ |

