

# timeLogged()

This function returns the **sum** of all the **time logged** on **issues** in **milliseconds**.

### Syntax

timeLogged(issueList) #Output : Number

### Examples

| Parser expression                      | Description                                                                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| timeLogged(subtasks())                 | This example returns the <b>sum</b> of time logged in the current issue's <b>sub-tasks</b> in <b>milliseconds</b> .                                                                                                                                         |
| timeLogged(subtasks()) / {HOUR}        | <div>This example returns the sum of time logged in the current issue's sub-tasks in <b>hours</b>.</div> <div><b>{HOUR}</b> is a time macro used to convert the output to hours.<br/><a href="#">subtasks()</a> is a function to return all subtasks.</div> |
| round(timeLogged(subtasks()) / {HOUR}) | <div>This example returns the sum of time logged in the current issue's sub-tasks in <b>full hours</b>.</div> <div>Learn more about <a href="#">numbers and mathematical functions</a>.</div>                                                               |

### Additional information

Parameters used in this function

| Parameter | Input (data type)     | Description                                                               |
|-----------|-----------------------|---------------------------------------------------------------------------|
| issueList | <div>ISSUE LIST</div> | A list of issue to be evaluated. Learn more about <a href="#">Lists</a> . |

### Output

This function returns a 

NUMBER

Variant where you can additionally define the **time interval** when work was logged.

If any of the fields defined for the interval returns **null** the parameter will be ignored.

### Syntax

```
timeLogged(issueList, startDate, endDate) #Output: Number
```

## Examples

| Parser expression                                                                                                                        | Description                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>timeLogged(subtasks(), 2020/01/01, 2020/01/10) / {HOUR}</pre>                                                                       | <p>This example returns the hours <b>logged</b> on <b>all subtasks</b> of the current issue between <b>January 1st</b> and <b>January 10th of 2020</b>.</p> <p><b>{HOUR}</b> is a time macro used to convert the output to hours.</p> <p><a href="#">subtasks()</a> is a function to return all subtasks.</p> |
| <pre>timeLogged(issuesUnderEpic(), datePart({system.currentDateTime}, LOCAL), addDays({system.currentDateTime}, LOCAL), 1, LOCAL))</pre> | <p>This example returns the sum of time logged <b>today</b> in issues under the current issue's Epic.</p> <p>The extract the date part of the current date (represented by its field code) the function <a href="#">datePart()</a> is used.</p>                                                               |

## Additional information

Parameters used in this function

| Parameter | Input (data type)                       | Description                                                                                                                                |
|-----------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| issueList | <input type="text" value="ISSUE LIST"/> | A list of issues to be evaluated. Learn more about <a href="#">working with lists</a> .                                                    |
| startDate | <input type="text" value="NUMBER"/>     | The parameter must be valid <b>timestamp</b> . Usually this value is retrieved from a <a href="#">field</a> (e.g. due date, created date). |
| endDate   | <input type="text" value="NUMBER"/>     | The parameter must be valid <b>timestamp</b> . Usually this value is retrieved from a <a href="#">field</a> (e.g. due date, created date). |

## Output

This function returns a

Variant where you can additionally limit the results to **certain users**.

### Syntax

```
timeLogged(issueList, user) #Output: Number
```

## Examples

| Parser expression                                                  | Description                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>timeLogged(linkedIssues(), %{issue. assignee}) / {HOUR}</pre> | <p>This example returns the sum of time logged on all <b>linked issues</b> by the current <b>assignee</b>.</p> <p><b>{HOUR}</b> is a time macro used to convert the output to hours.</p> <p><a href="#">linkedIssues()</a> is a function to return all linked issues.</p>        |
| <pre>timeLogged(subtasks(), %{issue.assignee}) / {HOUR}</pre>      | <p>This example returns the sum of time logged on all <b>subtasks</b> of the current issue by the current <b>assignee</b>.</p> <p><b>{HOUR}</b> is a time macro used to convert the output to hours.</p> <p><a href="#">subtasks()</a> is a function to return all subtasks.</p> |

## Additional information

Parameters used in this function

| Parameter | Input (data type)                       | Description                                                                                                                                                                                                                                                                             |
|-----------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| issueList | <input type="text" value="ISSUE LIST"/> | A list of issues to be evaluated. Learn more about <a href="#">working with lists</a> .                                                                                                                                                                                                 |
| user      | <input type="text" value="TEXT"/>       | Limits the results to certain users. Users can also be retrieved by using field codes.<br><br>This parameter can contain a <b>single user name</b> (not to be confused with user's full name), or a comma separated <b>list of usernames, group</b> names or <b>project role</b> names. |

## Output

This function returns a

NUMBER

Variant where you can additionally define the **time interval** when work was logged by certain **users**.

If any of the fields defined for the interval returns **null** the parameter will be ignored.

### Syntax

```
timeLogged(issueList, startDate, endDate, user) #Output: Number
```

## Examples

| Parser expression                                                                     | Description                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>timeLogged(subtasks(), 2019/01/01, 2020/01/01, %{issue.assignee}) / {HOUR}</pre> | <p>This example returns the hours <b>logged</b> on <b>all subtasks</b> of the current issue during the year 2019 by the current <b>assignee</b>.</p> <p><b>{HOUR}</b> is a time macro used to convert the output to hours.</p> <p><b>subtasks()</b> is a function to return all subtasks.</p> |

## Additional information

Parameters used in this function

| Parameter | Input (data type) | Description                                                                                                                                                                                                                                                                                     |
|-----------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| issueList | ISSUE LIST        | A list of issues to be evaluated. Learn more about <a href="#">working with lists</a> .                                                                                                                                                                                                         |
| startDate | NUMBER            | The parameter must be valid <b>timestamp</b> . Usually this value is retrieved from a <b>field</b> (e.g. due date, created date).                                                                                                                                                               |
| endDate   | NUMBER            | The parameter must be valid <b>timestamp</b> . Usually this value is retrieved from a <b>field</b> (e.g. due date, created date).                                                                                                                                                               |
| user      | TEXT              | Limits the results to certain users. Users can also be retrieved by using field codes.<br><br>This parameter can contain a <b>single user name</b> (not to be confused with user's full name), or a comma separated <b>list of usernames</b> , <b>group</b> names or <b>project role</b> names. |

## Output

This function returns a NUMBER



## Use cases and examples

### Use case

No content found.