sumUp formatting templates

On this page

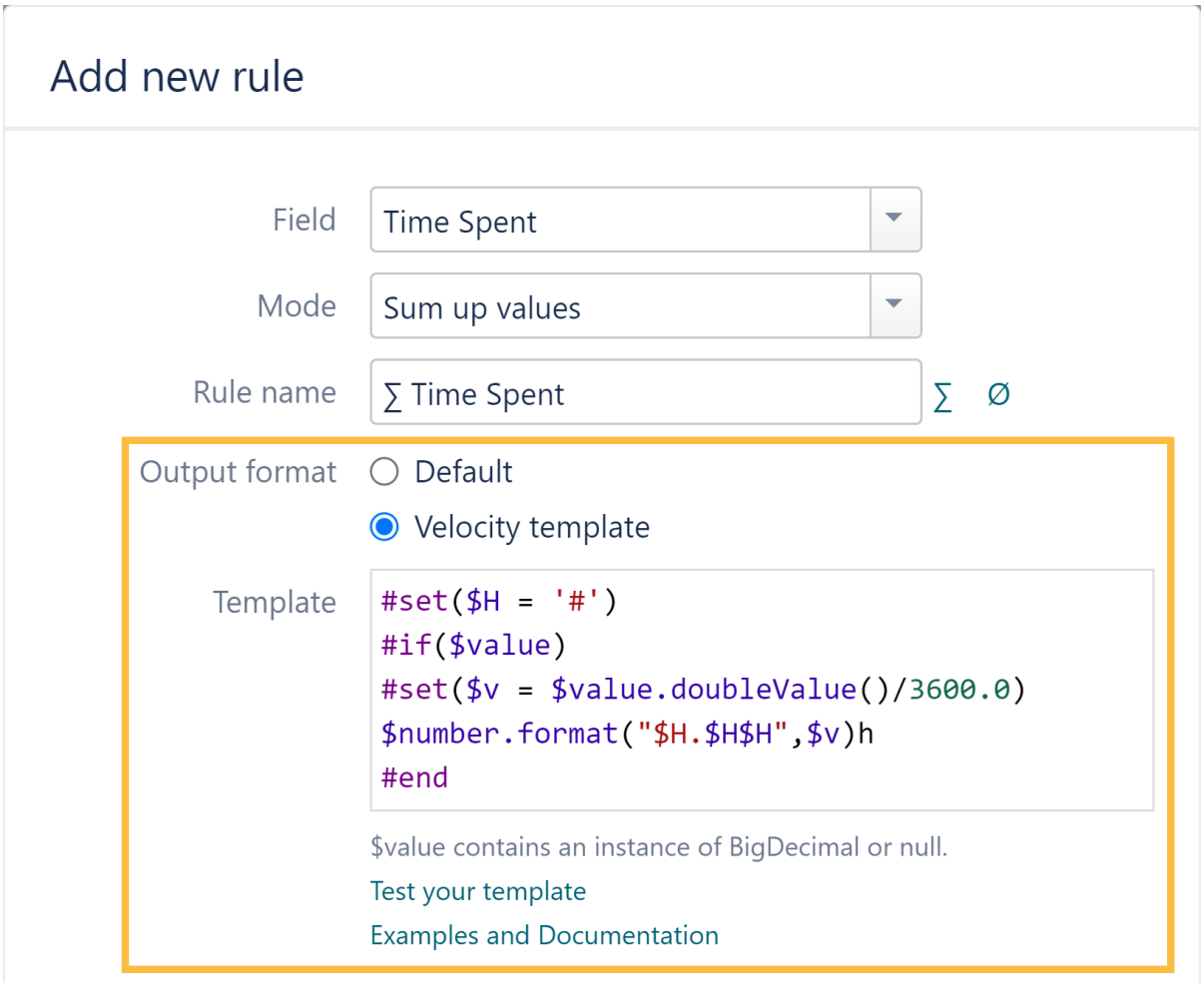
Within sumUp, **calculation rules** are used in nearly every context to tell the app which fields should be calculated and which **output format** should be used.

To **further customize** the output format, **velocity templates** can be used!

On this page you'll find some **predefined templates** that can be **used right away** to adapt a rule's output format.

Velocity template

To use a custom output format in the rule, select **Velocity template** as shown below:



The velocity context

Need help?

If you're unfamiliar with velocity templates, you might want to check out the **official documentation**.

The Velocity Context is initialized with the following content:

key	Class	Description
$value	java.lang.BigDecimal	The computed value.
$number	com.atlassian.jira.util.velocity.NumberTool	A helper class to format numeric values.
SINCE VERSION 3.6.0 $math	org.apache.velocity.tools.generic.MathTool	A helper class for doing math calculations.
$jiraDateTimeUtils	*internal*	A helper class which has one function: `getTimeFormatedString(long value).` This function formats timespan according to the time configuration in JIRA.
$formatter	java.text.SimpleDateFormat	JavaSimpleDate format with format ("EEE, d MMM yyyy h:mm a")

These **keys can be used within the templates** to customize the format.

Templates

- **Default Format**

```
#if($value)
$value
#end
```

- **Hours Format**

```
#set($H = '#')
#if($value)
#set($v = $value.doubleValue()/3600.0)
$number.format("$H.$H$H",$v)h
#end
```

Assumes that the value is in seconds.

- **Jira Timespan Format**

```
#if($value)
$jiraDateTimeUtils.getTimeFormatedString($value.longValue())
#end
```

Assumes that the value is in seconds.

- **Days, Hours and Minutes Format**

```
#set($H = '#')
#set($intMin = 999999)
#set($intHour = 999999)
#set($Min = $value.doubleValue())
#set($Hour = 0)
#set($Day = 0)

#if($value)#foreach($numMin in [ 1..$intMin ] )
    #if($Min < 60 )
        #break
    #else
        #set($Min = $Min - 60)
        #set($Hour = $Hour + 1)
    #end

#end#foreach($numHour in [ 1..$intHour ] )
    #if($Hour < 24 )
        #break
    #else
        #set($Hour = $Hour - 24)
        #set($Day = $Day + 1)
    #end
#end

$number.format("$H.",$Day)$number.format("$H.",$Hour)$number.format("$H",$Min)
#end
```

Assumes that the value is in minutes.

If you still have questions, feel free to refer to our support team.