

findPattern()

This function returns a **text list** with all **substrings** matching a given regular expression.

Syntax

findPattern(text, regex) #Output: Text list

Examples

Parser expression	Description
<pre>%{findPattern("Between 1900 and 2000 world population increase from 1.5 to 6.1 billions.", "\d+(\.\d+)?")}</pre>	<p>This example returns:</p> <p>1900,2000,1.5,6.1</p>
<pre>%{findPattern(%{issue.somefield}, "(?<=mailto:)([a-zA-Z0-9._-]+@[a-zA-Z0-9._-]+\.[a-zA-Z0-9_-]+)")}</pre>	<p>Extract all email addresses from a text field</p> <p>Assuming <code>%{issue.somefield}</code> is a multi-line text fiel containing email addresses (added as hyperlinks), e.g.</p> <div><pre> Hello, please use admin@example.com instead of administrator@example.com for future reference. Kind regards, jwt@example.com </pre></div> <p>this example returns:</p> <p>admin@example.com,administrator@example.com,jwt@example.com</p>
<pre>%{findPattern(%{issue.lastComment}, "(?<=~accountid:).*?(?=\])")}</pre>	<p>Extract all user mentions from the last comment</p> <p>Assuming <code>%{issue.lastComment}</code> returns, e.g.</p> <div><pre> Hi [~Alina Grant]-accountid:5c90f542efd65d2d3d465d7c)! </pre></div> <p>this example returns:</p> <p>5c90f542efd65d2d3d465d7c</p>
<pre>%{findPattern(%{issue.lastComment}, "([A-Z][A-Z0-9]+)-\d+")}</pre>	<p>Extract all issue keys from the last comment</p> <p>Assuming <code>%{issue.lastComment}</code> returns, e.g.</p> <div><pre> Hi [~admin], this issues seems to be related to DEMO-1 and DEMO-2! </pre></div> <p>this example returns:</p> <p>DEMO-1,DEMO-2</p>

```
%{findPattern(%{issue.somefield},"(?<=\\|http://|\\|https://).*?(?=\\|)")} }
```

Extract all URLs from a text field

Assuming `%{issue.somefield}` returns, e.g.

The best documentation can be found at [\[apps.decadis.net\]](https://apps.decadis.net)[\[https://apps.decadis.net\]](https://apps.decadis.net). Make sure to check the space for [\[Jira Workflow Toolbox\]](https://apps.decadis.net/display/JWT)[\[https://apps.decadis.net/display/JWT\]](https://apps.decadis.net/display/JWT)! If you can't find what you're looking for there, all you have left is [\[Google\]](https://www.google.com)[\[https://www.google.com\]](https://www.google.com).

this example returns:

apps.decadis.net,apps.decadis.net/display/JWT,www.google.com

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
text	<input type="text" value="TEXT"/>	Any given text.
regex	<input type="text" value="TEXT"/>	A valid regular expression that grabs all substrings to be returned.

Output

This function returns a

If you want to ignore the case, have a look at the [findPatternIgnoreCase\(\)](#) function.

Parser expression	Output
<code>findPatternIgnoreCase("Grass is Green and Sky is Blue.", "red green blue")</code>	["Green", "Blue"]
<code>findPattern("Grass is Green and Sky is Blue.", "red green blue")</code>	[]



Use cases and examples

Use case

No content found.