

# replaceAll()

This function replaces all substrings matching the given regular expression with a given **replacement**.

## Syntax

```
replaceAll(text, regex, replacement) #Output: Text
```

## Examples

| Parser expression                                 | Description                                                                                                                                                                             |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>replaceAll(" Hello World ", "\\s", "")</pre> | <p>This example returns:</p> <p><b>HelloWorld</b></p> <p>All whitespace characters have been removed.</p> <p><code>\s</code> is the regular expression equivalent for a whitespace.</p> |
| <pre>replaceAll(" He__o Wor_d ", "_", "l")</pre>  | <p>This example returns:</p> <p><b>Hello World</b></p>                                                                                                                                  |

## 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 <a href="#">regular expression</a> that grabs all substrings to be replaced. |
| replacement | <input type="text" value="TEXT"/> | This text will replace all substrings found by the <b>regex</b> .                    |

## Output

This function returns a

This expression could be used to e.g. modify an issue's summary or description.

If you want to replace only the first matching occurrence, have a look at the [replaceFirst\(\)](#) function.

| <code>replaceFirst("Hello World", "l", "_")</code> | <code>replaceAll("Hello World", "l", "_")</code> |
|----------------------------------------------------|--------------------------------------------------|
| "He_lo World"                                      | "He__o Wor_d"                                    |

If you don't want to use a **regular expression**, have a look at the [findReplaceAll\(\)](#) function.



## Use cases and examples

| Use case                                                                | JWT feature                                                                         | Workflow function | Field type | Automated action                                     | Parser functions                                                                                                                               |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Prevent issue creation if description contains less than 100 characters |    | Logical validator |            |                                                      | <code>replaceAll()</code> <code>length()</code>                                                                                                |
| Evaluate Assets objects                                                 |    | Logical validator |            |                                                      | <code>findPattern()</code> <code>findReplaceAll()</code> <code>replaceAll()</code> <code>toStringList()</code>                                 |
|                                                                         |    | Logical condition |            |                                                      |                                                                                                                                                |
| Send email with the URL of the attachments included in the description  |    | Send email        |            |                                                      | <code>replaceAll()</code> <code>toString()</code> <code>attachmentUrls()</code> <code>findPattern()</code>                                     |
| Add links to the issues in a ScriptRunner Issue Picker field            |    |                   |            | Create issue link action<br>Delete issue link action | <code>issueKeysToIssueList()</code> <code>toString()</code> <code>toStringList()</code> <code>replaceAll()</code> <code>previousValue()</code> |
| Inline images in a generated email                                      |    | Send email        |            |                                                      | <code>replaceAll()</code>                                                                                                                      |
| Google Maps location                                                    |  |                   | Text       |                                                      | <code>replaceAll()</code><br><code>toLowerCase()</code>                                                                                        |