

# unreleasedVersions()

This function returns a **text list** with all **unreleased** version names of the current issue's project.

The output will be ordered by **release date** in **ascending order**, and by **sequence** (i.e., as shown in UI) in ascending order.

## Syntax

```
unreleasedVersions() #Output: Text list
```

## Examples

Parser expression	Description
<pre>toStringList(%{issue.versions}) any in unreleasedVersions()</pre>	<p>This example validates that at least one <b>affected version</b> is <b>unreleased</b>.</p> <p>To achieve this, the following functions are used:</p> <ul style="list-style-type: none"><li>• <a href="#">toStringList()</a></li></ul>

## Output

This function returns a TEXT LIST

Variant where you additionally define **multiple projects**.

Returned versions may either be released or unreleased. **Project keys** or **project names** may be entered as a comma-separated list.

## Syntax

```
unreleasedVersions(projects) #Output: Text list
```

## Examples

Parser expression	Description
<p><b>Syntax</b></p> <pre>toStringList(^{%{issue.fixVersions}) in unreleasedVersions(^{%{issue.project}})</pre>	<p>This example validates that <b>all Fix Version/s</b> of a seed issue are <b>unreleased</b>. This kind of comparison is usually used in a <a href="#">Logical expression</a>.</p> <p>To achieve this, the following functions are used:</p> <ul style="list-style-type: none"><li>• <a href="#">toStringList()</a></li></ul>

## Additional information

Parameters used in this function

Parameter	Input (data type)	Description
projects	<input type="text" value="TEXT"/>	Text including valid project keys or names in a comma-separated list.

## Output

This function returns a

Name	Status	Release date	Position in UI (e.g. Release Hub)
JWT 6.0	<input type="text" value="UNRELEASED"/>		#1
JWT 5.0	<input type="text" value="RELEASED"/>	01 May 2020	#2
JWT 3.1	<input type="text" value="ARCHIVED"/>	01 Mar 2020	#3
JWT 3.0	<input type="text" value="UNRELEASED"/>	01 Apr 2020	#4
JWT 2.0	<input type="text" value="RELEASED"/>	01 Feb 2020	#5
JWT 1.0	<input type="text" value="UNRELEASED"/>		#6

The output of `unreleasedVersions()` will be: **[JWT 1.0, JWT 6.0, JWT 3.0]**.

⚠ JWT 6.0 will come **before** JWT 3.0 since it does **not** have a release date set. If you want to sort by how the versions appear in the UI please use `unreleasedVersionsBySequence()`.



## Use cases and examples

Use case	JWT feature	Workflow function	Field type	Automated action	Parser functions
Set fix version based on its start and release date		Update or copy field values			<code>toString()</code> <code>textOnStringList()</code> <code>unreleasedVersions()</code> <code>startDates()</code> <code>releaseDates()</code> <code>first()</code>