usersWithDateTimeProperty()

This JQL function returns users by checking against their **user properties** that contain **date or date-time values**.

Syntax
`usersWithDateTimeProperty(propertyName, operator, value) #Output: Text list`

Examples

Parser expression	Description
`assignee in usersWithDateTimeProperty ("day_off", "<", "2021/11/03")`	This example returns all issues where the **assignee's property day_off** is before **2021/11/03**.
`reporter in usersWithDateTimeProperty ("birthday", ">=", "1997/09/16 [11:30]")`	This example returns all issues where the **reporter's property birthday** is after or on the same day as **1997/09/16 11:30**.
`assignee in usersWithDateTimeProperty ("day_off", "<", "2020/08/15 [12:30]")`	This example returns all issues where the **assignee's property day_off** is before **2020/08/15 12:30**.
`assignee in usersWithDateTimeProperty ("day_off", "<", "2020/09/16 [12:30]")`	This example returns all issues where the **assignee's property day_off** is before **2020/09/16 12:30**.

Additional information

Parameters used in this function

Parameter	Input (data type)	Description
`propertyName`	TEXT	The name of a user property containing a date or date-time value. The property has to be saved in one of the following format: • yyyy/MM/dd • yyyy/MM/dd [hh:mm]

<table>
<tr>
<td><code>operator</code></td>
<td>TEXT</td>
<td>A valid comparison operator. Allowed operators are:
<table>
<tr><th>Operator</th><th>Description</th></tr>
<tr><td>=</td><td>Property must be equal to the specified value.</td></tr>
<tr><td>!=</td><td>Property must not be equal to the specified value.</td></tr>
<tr><td><</td><td>Property must be lower than the specified value,

meaning that the date saved date in the property must be before the specified date.</td></tr>
<tr><td>></td><td>Property must be greater than the specified value,

meaning that the date saved date in the property must be after the specified date.</td></tr>
<tr><td><=</td><td>Property must be lower or equals to the specified value,

meaning that the date saved date in the property must be before or equals to the specified date.</td></tr>
<tr><td>>=</td><td>Property must be greater or equals to the specified value,

meaning that the date saved date in the property must be after or equals to the specified date.</td></tr>
</table>
</td>
</tr>
<tr>
<td><code>value</code></td>
<td>TEXT</td>
<td>The value to compare with the property, the following formats are accepted:

• yyyy/MM/dd [hh:mm]
• yyyy/MM/dd

In case you use the format yyyy/MM/dd, the time part of the date will automatically be set to 00:00.</td>
</tr>
</table>

Output

This function returns a TEXT LIST

If you want to search for issues where a user as a specific **text or numeric property value**, have a look the the usersWithTextProperty or usersWithNumericProperty() function.

If you want to search for issues, checking only if a **property is being set ignoring it's value**, have a look the the usersWithProperty() function.

The result is **not what you expected**? The number of returned issues feels **too low**?

By default, the **maximum number** of issues that will be returned by the JQL subquery, and thus can be processed by the logical expression is **1 000**.

To ensure the performance of your entire Jira instance, we limit the execution of the JQL function in terms of **issue count** and **execution time**. Please refer to your admin if you need to change the configuration.