

# Date and Time Duplicate Validator

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## Introduction

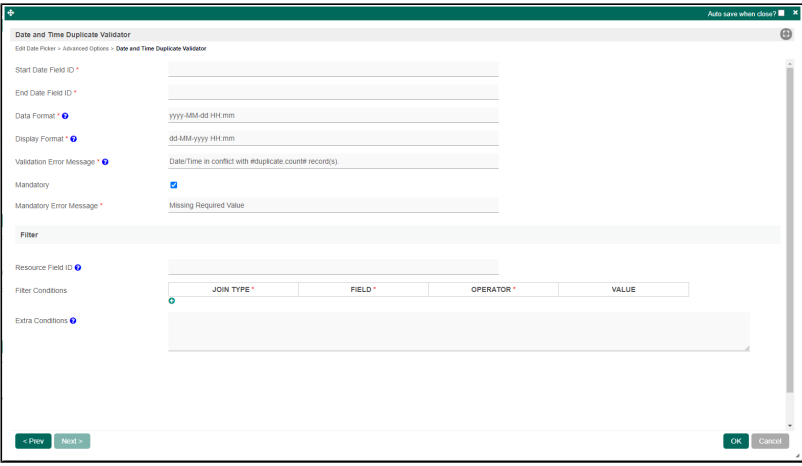
**Date and Time Duplicate Validator** is a form validator plugin to check for conflict in date and time fields. An example of the use of this plugin is in the Meeting Room Booking App.

This validator is used in "Edit Date Picker > Validator = Date and Time Duplicate Validator > Validator (Date and Time Duplicate Validator)" properties. For this plugin to work, it requires these fields; "Start Date" and "End Date" field IDs. These fields must already exist in your form.

This plugin source code is available in a new open source repository at <https://github.com/JogetOSS/>. JogetOSS is a community-led team for open source software related to the Joget no-code/low-code application platform. Projects under JogetOSS are community-driven and community-supported, and you are welcome to contribute to the projects.

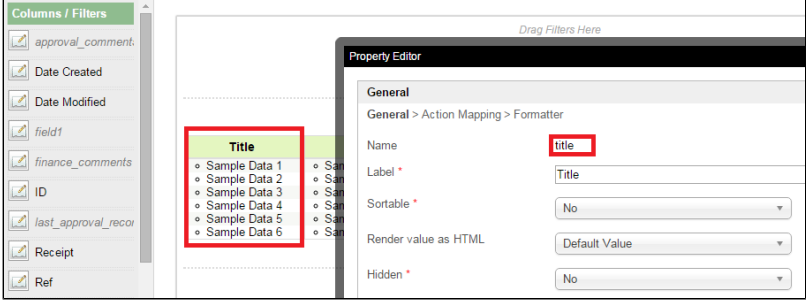
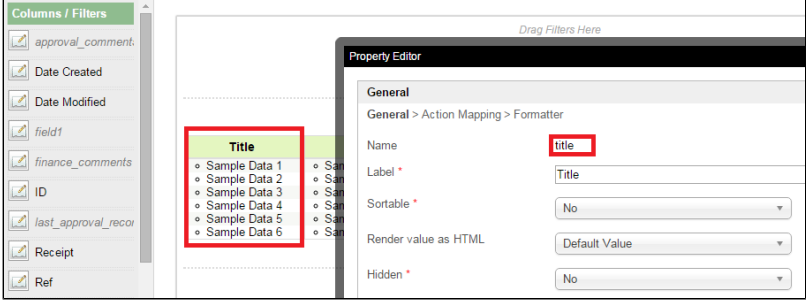
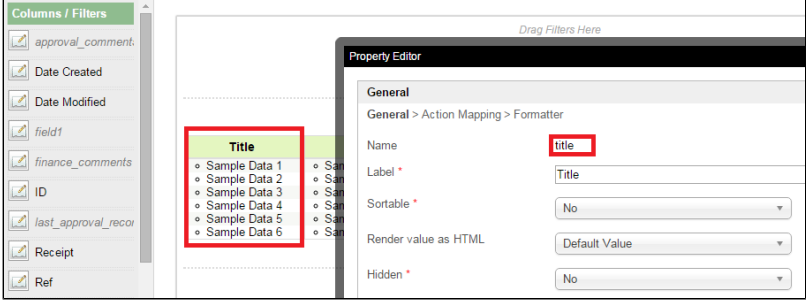
## Date and Time Duplicate Validator Properties

### Date and Time Duplicate Validator

| Name                       | Description  |
|----------------------------|--|
| Start Date Field ID *      | Field ID for "From" date range. This field is mandatory.   |
| End Date Field ID *        | Field ID for "To" date range. This field is mandatory.   |
| Data Format *              | In Java date format; e.g. yyyy-MM-dd for 2011-06-01. This field is mandatory.  |
| Display Format *           | Please refer to <a href="http://docs.jquery.com/UI/Datepicker/formatDate">http://docs.jquery.com/UI/Datepicker/formatDate</a> . This field is mandatory. |
| Validation Error Message * | Custom error message to display for duplicate value found. This field is mandatory.  |
| Mandatory                  | When checked, field must be filled.  |
| Mandatory Error Message *  | Custom error message to display for duplicate value found.   |
| Screen (Click to view)     |    |
|                            | Figure 1: Date and Time Duplicate Validator  |

### Filter

| Name | Description |
|------|-------------|
|------|-------------|

| Resource Field ID | Field ID to validate the availability of a resource during the specific time specified.   |      |             |           |   |       |  |          |   |       |              |
|-------------------|---|------|-------------|-----------|---|-------|--|----------|---|-------|--------------|
| Filter Conditions | <p>Filter Conditions</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Join Type</td> <td> <ul style="list-style-type: none"> <li>• And</li> <li>• Or</li> </ul> </td> </tr> <tr> <td>Field</td> <td> <p>Field ID. (e.g. title)</p>  </td> </tr> <tr> <td>Operator</td> <td> <ul style="list-style-type: none"> <li>• Equal</li> <li>• Not Equal</li> <li>• Greater Than</li> <li>• Greater Than Or Equal</li> <li>• Less Than</li> <li>• Less Than Or Equal</li> <li>• Like</li> <li>• Not Like</li> <li>• In</li> <li>• Not In</li> <li>• Is True</li> <li>• Is False</li> <li>• Is Null</li> <li>• Is Not Null</li> </ul> </td> </tr> <tr> <td>Value</td> <td>Filter value</td> </tr> </tbody> </table> | Name | Description | Join Type | <ul style="list-style-type: none"> <li>• And</li> <li>• Or</li> </ul> | Field | <p>Field ID. (e.g. title)</p>  | Operator | <ul style="list-style-type: none"> <li>• Equal</li> <li>• Not Equal</li> <li>• Greater Than</li> <li>• Greater Than Or Equal</li> <li>• Less Than</li> <li>• Less Than Or Equal</li> <li>• Like</li> <li>• Not Like</li> <li>• In</li> <li>• Not In</li> <li>• Is True</li> <li>• Is False</li> <li>• Is Null</li> <li>• Is Not Null</li> </ul> | Value | Filter value |
| Name              | Description   |      |             |           |   |       |  |          |   |       |              |
| Join Type         | <ul style="list-style-type: none"> <li>• And</li> <li>• Or</li> </ul>   |      |             |           |   |       |  |          |   |       |              |
| Field             | <p>Field ID. (e.g. title)</p>   |      |             |           |   |       |  |          |   |       |              |
| Operator          | <ul style="list-style-type: none"> <li>• Equal</li> <li>• Not Equal</li> <li>• Greater Than</li> <li>• Greater Than Or Equal</li> <li>• Less Than</li> <li>• Less Than Or Equal</li> <li>• Like</li> <li>• Not Like</li> <li>• In</li> <li>• Not In</li> <li>• Is True</li> <li>• Is False</li> <li>• Is Null</li> <li>• Is Not Null</li> </ul>   |      |             |           |   |       |  |          |   |       |              |
| Value             | Filter value  |      |             |           |   |       |  |          |   |       |              |

Extra Conditions

Additional condition(s) for filtering the data set. HQL is expected here.

### Syntax Query

Start your filter name with `e.customProperties`, followed by the field id (i.e. `title`)

### HQL is accepted

You may even use an operator such as "LIKE" to narrow down your data set.

|                          | Title           | Ref        | Submitted By | Total   | Date Created        |
|--------------------------|-----------------|------------|--------------|---------|---------------------|
| <input type="checkbox"/> | Team Building 8 | REF-000022 | Admin Admin  | \$ 0.00 | 19-08-2015 04:29 PM |
| <input type="checkbox"/> | Team Building   | REF-000003 | Admin Admin  | \$ 0.00 | 24-08-2015 10:44 AM |
| <input type="checkbox"/> | Team Building 2 | REF-000004 | Admin Admin  | \$ 0.00 | 24-08-2015 10:47 AM |
| <input type="checkbox"/> | Team Building 9 | REF-000005 | Admin Admin  | \$ 0.00 | 24-08-2015 03:37 PM |
| <input type="checkbox"/> | Team Building 2 | REF-000006 | Admin Admin  | \$ 0.00 | 24-08-2015 06:17 PM |
| <input type="checkbox"/> | Team Building 3 | REF-000023 | Admin Admin  | \$ 0.00 | 14-09-2015 02:34 PM |
| <input type="checkbox"/> | Team Building 4 | REF-000024 | Admin Admin  | \$ 0.00 | 14-09-2015 02:34 PM |
| <input type="checkbox"/> | Team Building 5 | REF-000025 | Admin Admin  | \$ 0.00 | 14-09-2015 02:43 PM |
| <input type="checkbox"/> | Team Building 6 | REF-000026 | Admin Admin  | \$ 0.00 | 14-09-2015 02:43 PM |
| <input type="checkbox"/> | Team Building 7 | REF-000027 | Admin Admin  | \$ 0.00 | 14-09-2015 06:10 PM |

#### Sample

```
e.customProperties.title = 'Trip'
```

A hash variable is accepted here.

#### Sample

```
e.customProperties.submitted_by = '#currentUser.id#'
```

Userview Key can be used as part of the condition.

#### Sample

```
e.customProperties.category_id = '#userviewKey#'
```

Screen (Click to view)

Filter

Resource Field [🔗](#) room

Filter Conditions

| JOIN TYPE * | FIELD * | OPERATOR * | VALUE |
|-------------|---------|------------|-------|
| And         |         | Equal      |       |

Extra Conditions [🔗](#)

Figure 2: Date and Time Duplicate Validator > Filter

## Download Plugin and App

- [Meeting Room Booking App](#)
- [Date and Time Duplicate Validator](#)