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iWD REST API Reference Guide

Fetch filter

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Fetch filter

Method

GET

Syntax

GET /filters/<tenant_dbid>/<filter_name>

Response Body

```
{
  "name": "<filter name>",
  "owner": "<owner user name>",
  "public": <true/false>,
  "columns": [
    <column definition>,
    ...
  ],
  "criteria": [
    <criterion definition>,
    ...
  ]
}
```

Where:

- <column definition>:

```
{
```

Fetch filter

```
"category": "core/ext/data",
"name": "<attribute name>"
}
```

And:

- <criteria definition>:

```
{
  "template_expression": "<template_expression>",
  "template_key": "<template label key for i18n>",
  "elements":
  [
    {
      "type": "INPUT_INTEGER/INPUT_DATE/INPUT_TEXT/INPUT_ATTRIBUTE_NAME/INPUT_ATTRIBUTE_VALUE/PLAIN_TEXT",
      "name": "<element name>",
      "label": "<label key for i18n>",
      "value": "<current value>",
      "editable_list": <true/false>,
      "values":
      [
        {
          "value": "<available value>",
          "label": "<value label key>"
        },
        ...
      ]
    },
    ...
  ]
}
```

Notes

- values define a list of items that can be picked from a drop-down menu.
- A list of values is empty for elements of INPUT_DATE type. It can be non-empty for INPUT_TEXT and INPUT_INTEGER types. It is typically empty for INPUT_ATTRIBUTE_NAME and INPUT_ATTRIBUTE_VALUE - a list of available attributes and their values should be taken by a separate request (see:

Attributes). If the list of values exists and is not empty, it has precedence over the list of all attributes.

- Internal element types IS_IS_NOT, OPERATOR, TIME_UNIT, WAS_WAS_NOT, MORE_LESS, QUEUE are being converted to and from INPUT_TEXT with appropriate lists of values.
- `editable_list` indicates whether the element value input component is or is not editable, i.e. if a user is able to put a value out of the given list. For `INPUT_ATTRIBUTE_VALUE` the value of this property has precedence over the same property on the attribute definition.
- Labels for elements have a form of "CRITERION_LABEL_<CAPITALIZED_NAME>", for example `CRITERION_LABEL_IS_IS_NOT`.
- Actual labels for the criterion, elements and available values should be loaded from resources (localized). If there are not found, the element name should be used instead.
- `template_key` is a key to find a localized criterion template in resources. The localized template can contain parameters as element names in braces (for example `{attributeName}`). These parameters are replaced by either a proper input GUI component in edition mode or element's localized labels for displaying the criterion template. In case the `template_key` is not found in resources the criterion template is built of elements directly – one by one (elements of `PLAIN_TEXT` type – not used usually in localized templates – fill the text space then). All dynamic elements from `template_expression` must be included in the localized string to allow correct creation of a query string.
- `INPUT_ATTRIBUTE_VALUE` is an input element which data type should be dynamically determined basing on the type of attribute, chosen with `INPUT_ATTRIBUTE_NAME`, unless the element's values list exists and is not empty, because it has the precedence over the attribute values.
- `template_expression` is a legacy template expression, which is used here as the template criterion identifier only.
- A list of available columns is available under a separate address.