## POST /queries

Create a new LiveView query in PIM360

### Required Capabilities

*CanUseAPI* All APIs require this capability to run

*CanSeeLiveView* LiveView capabilities are required to create queries

*CanSeeAllPages*

If you can not create a LiveView query through the UI then you will not be able to call this API

### Request Headers

**Authorization** OAuth2 bearer token, obtained from the Authorization API (link to API details)

**Content-Type** application/json

### Request Body

**{**

**"type": "TAGGED\_ITEM",**

**"eic": "string",**

**"filter": {**

**"logical": "AND",**

**"items": [**

**{**

**"handle": "string",**

**"operator": "$eq",**

**"value": "string",**

**"caseSensitive": true**

**}**

**]**

**},**

**"fields": [**

**"string"**

**]**

**}**

*\* Required*

*Type\* (string) ­*Is the type of object to query on. Can be any of:

* TAGGED\_ITEM
* DOCUMENT
* EQUIPMENT\_ITEM
* EQUIPMENT\_MODEL

*EIC (string)* The handle of the eic to query on, if not provided then active (published) data is queried

*Filter\* (object)*

*Logical\* (string)* Operator to use when comparing items in the *items* array. Can be one of:

* AND
* OR

*Items (object array)*

*Handle\* (string)* Handle of the attribute to query

*Operator\* (string)* Operator to use for comparison. Can be one of:

* $regex-l (contains)
* $eq (is)
* $ne (is not)
* $empty (is empty)
* $notempty (is not empty)
* $required (is required)
* $notrequired (is not required)
* $in (in)
* $regex-b (begins with)
* $regex-e (ends with)
* $regex-nl (not contains)
* $regex-nb (not begins with)
* $regex-ne (not ends with)
* $regex (matches regex)

*Value\* (string)* Value to check for

*caseSensitive\* (Boolean)* if the value comparison should be case sensitive

*fields\* (string array)* Array of handles for the attributes to return in the query

### Example

{

    "type": "TAGGED\_ITEM",

    "filter": {

        "logical": "AND",

        "items": [

        {

            "handle": "a-YbYQutSYChTEctCfUydw",

            "operator": "$eq",

            "value": "CON-100",

            "caseSensitive": true

        }

        ]

    },

    "fields": [

        "a-YbYQutSYChTEctCfUydw"

    ]

}

## Response Body

*url* The URL to use to return details of the query that was submitted

*resultUrl* The URL to use to return the results of the query

*hdl* The handle of the newly created query

### Example

{

    "url": "/api/queries/oQiIFQ9eT8CzZICdOzB8nw",

    "resulturl": "/queryresults/oQiIFQ9eT8CzZICdOzB8nw",

    "hdl": "oQiIFQ9eT8CzZICdOzB8nw"

}

### Response Status Codes

**201** Query has been successfully created

**401** Authentication not provided or required capabilities are missing