

# RCTX-DWP REST API manual

RCTX-DWP REST API serves to call methods of DWP API to store, update and delete GenericObjects, Links and its UserProperties.

## Methods:

### POST method with url /create-link/

This method serves to create Link between GenericObjects. If GenericObjects are not store yet, it creates them too.

Request body syntax:

```
{
  "entityLeft": {
    "registeredId": "registeredId of left entity",
    "type": "type of left entity",
    "system": "system where left entity belongs"
  },
  "entityRight": {
    "registeredId": "registeredId of right entity",
    "type": "type of right entity",
    "system": "system where right entity belongs"
  },
  "linkArgs": {
    "oriented": boolean value of orientation,
    "type": "type of link"
  }
}
```

### POST method with url /modify-link/

This method serves to add/update UserProperty of Link.

Request body:

```
{
  "linkUpdate": {
    "leftRegisteredId": "registeredId of left GenericObject",
    "rightRegisteredId": "registeredId of right GenericObject"
  },
  "userProperty": {
    "key": "key of UserProperty",
    "value": "value of UserProperty"
  }
}
```

### POST method with url /delete-link/

This methods serves to set expired attribute of Link.

Request body:

```
{
    "leftRegisteredId": "registeredId of left GenericObject",
    "rightRegisteredId": "registeredId of right GenericObject"
}
```

### POST method with url /create-generic-object/

This method serves to create GenericObject.

Request body:

```
{
    "system": "system of GenericObject",
    "type": "type of GenericObject",
    "registeredId": "registeredId of GenericObject"
}
```

### POST method with url /modify-generic-object/

This method serves to add/modify UserProperty of GenericObject

Request body:

```
{
    "registeredId": "registeredId of GenericObject",
    "userProperty": {
        "key": "key of UserProperty",
        "value": "value of UserProperty"
    }
}
```

### POST method with url /delete-generic-object/

This method serves set expired attribute of GenericObject

Request body:

```
{
    "registeredId": "registeredId of GenericObject",
    "recursive": Boolean value indicated recursive delete
}
```