

# JavaScript API

- `ConnectionManager.post(url, callback, params)`
- `ConnectionManager.ajaxJsonp(url, callback, params)`
- `ConnectionManager.get(url, callback, params, xss)`
- `AssignmentManager.getCurrentUser(baseUrl, callback)`
- `AssignmentManager.login(baseUrl, username, password, callback)`
- `AssignmentManager.login(baseUrl, username, hash, callback)`
- `AssignmentManager.logout(baseUrl)`
- `AssignmentManager.withdrawAssignment(baseUrl, activityId)`
- `AssignmentManager.completeAssignment(baseUrl, activityId, redirect)`
- `AssignmentManager.completeAssignmentWithVariable(baseUrl, activityId, variableData, redirect)`
- `UrlUtil.encodeUrlParam(url)`
- `getUrlParam(paramName)`

## **ConnectionManager.post(url, callback, params)**

### **Description**

Ajax POST to a specific URL

### **Parameters**

- `url` - URL to POST
- `callback` - a callback function after a successful POST (optional)
- `params` - parameters for the POST (optional)

### **Sample Code**

```
var callback = {
  success : function(response){
    //do something
  }
}
ConnectionManager.post('http://localhost/test', callback, 'id=2')
```

---

## **ConnectionManager.ajaxJsonp(url, callback, params)**

### **Description**

Initiate Ajax call with JSONP

### **Parameters**

- `url` - URL to initiate Ajax call
- `callback` - a callback function after a successful call (optional)
- `params` - parameters for the call (optional)

### **Sample Code**

```
var callback = {
  success : function(response){
    //do something
  }
}
ConnectionManager.ajaxJsonp('http://localhost/test', callback, 'id=4')
```

---

## **ConnectionManager.get(url, callback, params, xss)**

**Description**

Ajax GET to a specific URL

**Parameters**

- url - URL to GET
- callback - a callback function after a successful GET (optional)
- params - parameters for the GET (optional)
- xss - use when the URL is cross-domain (optional)

**Sample Code**

```
var callback = {
  success : function(response){
    //do something
  }
}

ConnectionManager.get('http://localhost/test', callback, 'id=6')
```

---

**AssignmentManager.getCurrentUser(baseUrl, callback)****Description**

Get the current logged in username in Joget Workflow

**Parameters**

- baseUrl - base URL of Joget Workflow, eg. 'http://localhost/jw'
- callback - a callback function after a successful call (optional)

**Sample Code**

```
var callback = {
  success : function(response){
    //response.username
  }
}

AssignmentManager.getCurrentUser('http://localhost/jw', callback);
```

---

**AssignmentManager.login(baseUrl, username, password, callback)****Description**

Login / Single Sign On (SSO) to Joget Workflow with username & password

**Parameters**

- baseUrl - base URL of Joget Workflow, e.g., 'http://localhost/jw'
- username - username for user to login
- password - password for user to login
- callback - a callback function after a successful login (optional)

**Sample Code**

```
var callback = {
  success : function(response){
    //do something
  }
}

AssignmentManager.login('http://localhost/jw', 'admin', 'admin', callback);
```

---

## AssignmentManager.login(baseUrl, username, hash, callback)

### Description

Login / Single Sign On (SSO) to Joget Workflow with username & hashed password

### Parameters

- baseUrl - base URL of Joget Workflow, e.g., 'http://localhost/jw'
- username - username for user to login
- hash - hashed password (refer to [Hashed Password](#))
- callback - a callback function after a successful login (optional)

### Sample Code

```
var callback = {
  success : function(response){
    //do something
  }
}

AssignmentManager.login('http://localhost/jw', 'admin',
'14ACD782DCFE2BCDE2B271CCD559477', callback);
```

---

## AssignmentManager.logout(baseUrl)

### Description

Logout the user in Joget Workflow

### Parameters

- baseUrl - base URL of Joget Workflow, e.g., 'http://localhost/jw'

### Sample Code

```
AssignmentManager.logout('http://localhost/jw');
```

---

## AssignmentManager.withdrawAssignment(baseUrl, activityId)

### Description

Withdraw an assignment with a specific activity instance id

### Parameters

- baseUrl - base URL of Joget Workflow, e.g., 'http://localhost/jw'
- activityId - activity instance id of the assignment to be withdrawn

#### Sample Code

```
AssignmentManager.withdrawAssignment('http://localhost/jw', '1_1_activity');
```

---

### AssignmentManager.completeAssignment(baseUrl, activityId, redirect)

#### Description

Complete an assignment with a specific process instance id & activity instance id

#### Parameters

- baseUrl - base URL of Joget Workflow, e.g., 'http://localhost/jw'
- activityId - activity instance id of the assignment to be completed
- redirect - a URL to redirect to after the assignment is completed (optional)

#### Sample Code

```
AssignmentManager.completeAssignment('http://localhost/jw', '1_1_activity',  
'http://localhost/completed.jsp');
```

---

### AssignmentManager.completeAssignmentWithVariable(baseUrl, activityId, variableData, redirect)

#### Description

Complete an assignment with a specific process instance id & activity instance id

#### Parameters

- baseUrl - base URL of Joget Workflow, e.g., 'http://localhost/jw'
- activityId - activity instance id of the assignment to be completed
- variableData - Joget Workflow variable data to be updated for the assignment
- redirect - a URL to redirect to after the assignment is completed (optional)

#### Sample Code

```
AssignmentManager.completeAssignmentWithVariable('http://localhost/jw',  
'1_1_activity', 'status=new&id=123', 'http://localhost/completed.jsp');
```

---

### UrlUtil.encodeUrlParam(url)

#### Description

Encoding URL with parameters

#### Parameters

- url - URL to be encoded

#### Sample Code

```
UrlUtil.encodeUrlParam('http://localhost/test?id=123#4#5678&status=abc efg');
```

---

## getUrlParam(paramName)

### Description

Get the value of a URL parameter

### Parameters

- paramName - name of the parameter to get

### Sample Code

If the current URL is

```
getUrlParam('id')
```

will return 123, while

```
getUrlParam('page')
```

will return 2