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# Class Fulfilment



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## Fulfillment

The Fulfillment class exposes specialized methods to help developers to achieve common use cases for the fulfillment workflow.

**Kind:** global class

**Category:** Operations

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  - `.getTierConfigRequest(id) ⇒ object`
  - `.getConnectionIdByProductAndHub(productId, hubId) ⇒ string | null`

### new Fulfillment(client)

Creates an instance of the Fulfillment class.

**Returns:** Fulfillment - An instance of the Fulfillment class.



Param	Type	Description
client	ConnectClient	An instance of the ConnectClient class.

**fulfillment.searchRequests(query) ⇒ Array**

Returns a list of *Request* objects that match the provided filters.  
 If no filter is passed, a page of Request in 'pending' status is returned.

**Kind:** instance method of Fulfillment  
**Returns:** Array - An array of Request objects that match the provided filters.

Param	Type	Description
query	object	A RQL query.

**fulfillment.failRequest(id, reason) ⇒ object**

Changes the status of the *Request* object to 'fail'.

**Kind:** instance method of Fulfillment  
**Returns:** object - The updated Request object.

Param	Type	Description
id	string	The unique identifier of the Request object.
reason	string	The reason for which the Request has been failed.

**fulfillment.updateRequest(id, request) ⇒ object**

Updates a *Request* object.  
 Only a partial update can be performed on a *Request* object: developers can update only the **note** attribute of the Request and/or the asset parameters **value** or **value\_error** attributes.

**Kind:** instance method of Fulfillment  
**Returns:** object - The updated *Request* object.

Param	Type	Description
id	string	The unique identifier of the Request object.
request	object	The body of the request.



### Example

```
{
  note: 'Test Note',
  asset: {
    params: [
      {
        id: 'param_a', // id is required
        value: 'value_of_param_a',
        value_error: 'This address is already used. Try another.'
      }
    ]
  }
}
```

### **fulfillment.createRequest(request)**

Creates a new *Request* object.

**Kind:** instance method of Fulfillment

Param	Type	Description
request	object	The Request object to create.

### **fulfillment.updateRequestParameters(id, params, note) ⇒ object**

Updates the asset parameters of a Request object.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated Request object.

Param	Type	Description
id	string	The unique identifier of the Request object.
params	Array	Array of <i>Parameter</i> objects to update.
note	string	An optional <b>note</b> for the Request.

### **fulfillment.inquireRequest(id, request, params, note) ⇒ object**

Updates the *Request* object to inquire the provider



for ordering parameter.

It updates the *Parameter* object **value\_error** attribute and set the status of the *Request* to 'inquire'.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated *Request* object.

Param	Type	Description
id	string	The unique identifier of the Request object.
request	object	The request body.
params	Array	An array of <i>Parameter</i> objects to update.
note	string	An optional 'note' attribute for the Request.

### Example

```
// example of the params argument.
[
  {
    id: 'param_a', // id is required
    value_error: 'This address is already used. Try another.'
  }
]
```

### Example

```
// request body using a template id
{
  template_id: 'TL-827-840-476'
}
```

### Example

```
// request body using an activation tile
{
  activation_tile: '<rendered text>'
}
```

## **fulfillment.inquireRequestWithTemplate(id, templateId, params, note) ⇒ object**

Updates the *Request* object to inquire the provider for ordering parameter using an activation template. It updates the *Parameter* object **value\_error** attribute and set the status of the *Request* to 'inquire'.



**Kind:** instance method of Fulfillment

**Returns:** object - The updated *Request* object.

Param	Type	Description
id	string	The unique identifier of the Request object.
templateId	string	The unique identifier of the <i>Template</i> object.
params	Array	An array of <i>Parameter</i> objects to update.
note	string	An optional 'note' attribute for the Request.

**fulfillment.approveRequest(id, request) ⇒ object**

Updates the *Request* and set its status to 'approved'.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated *Request* object.

Param	Type	Description
id	string	The unique identifier of the Request object.
request	object	The request body.

**Example**

```
// request body using a template id
{
  template_id: 'TL-827-840-476'
}
```

**Example**

```
// request body using an activation tile
{
  activation_tile: '<rendered text>'
}
```

**fulfillment.approveRequestWithTemplate(id, templateId) ⇒ object**

Updates the *Request* and set its status to 'approved' using an activation template.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated *Request* object.



Param	Type	Description
id	string	The unique identifier of the Request object.
templateId	string	The template id to use for <i>Request</i> approval.

**fulfillment.pendingRequest(id)** ⇒ object

Updates the *Request* and set its status to 'pending'.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated *Request* object.

Param	Type	Description
id	string	The unique identifier of the Request object.

**fulfillment.getRequest(id)** ⇒ object

Retrieve the *Request* object identified by its id.

**Kind:** instance method of Fulfillment

**Returns:** object - The *Request* object.

Param	Type	Description
id	string	The unique identifier of the Request object.

**fulfillment.searchTierConfigRequests(query)** ⇒ Array

Returns a list of at most **limit** *TierConfigurationRequest* objects that match the provided filters.

If no filter is passed, a page of Request in 'pending' status is returned.

for further information about the filters object.

**Kind:** instance method of Fulfillment

**Returns:** Array - An array of *TierConfigurationRequest* objects that match the provided filters.

Param	Type	Description
query	object	A RQL query.



### **fulfillment.failTierConfigRequest(id, reason)**

Changes the status of the *TierConfigurationRequest* object to 'fail'.

**Kind:** instance method of Fulfillment

Param	Type	Description
id	string	The unique identifier of the TierConfigurationRequest object.
reason	string	The reason for which the TierConfigurationRequest has been failed.

### **fulfillment.approveTierConfigRequest(id, request) ⇒ object**

Updates the *TierConfigurationRequest* and set its status to 'approved'.

**Kind:** instance method of Fulfillment

**Returns:** object - The rendered template.

Param	Type	Description
id	string	The unique identifier of the Request object.
request	object	The request body.

#### **Example**

```
// request body using a template id
{
  template: {
    id: 'TL-827-840-476'
  }
}
```

### **fulfillment.approveTierConfigRequestWithTemplate(id, templateId) ⇒ object**

Updates the *TierConfigurationRequest* and set its status to 'approved' using an template.

**Kind:** instance method of Fulfillment

**Returns:** object - The rendered template.

Param	Type	Description
id	string	The unique identifier of the TierConfigurationRequest object.





Param	Type	Description
templateId	string	The template id to use for TierConfigurationRequest approval.

**fulfillment.updateTierConfigRequest(id, request) ⇒ object**

Updates a *TierConfigurationRequest* object.

Only a partial update can be performed on a *TierConfigurationRequest* object: developers can update only the **notew** attribute of the TierConfigurationRequest and/or the config parameters **value** or **value\_error** attributes.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated *TierConfigurationRequest* object.

Param	Type	Description
id	string	The unique identifier of the TierConfigurationRequest object.
request	object	The body of the request.

**Example**

```
{
  notes: 'Test Note',
  params: [
    {
      id: 'param_a', // id is required
      value: 'value_of_param_a',
      value_error: 'This address is already used. Try another.'
    }
  ]
}
```

**fulfillment.updateTierConfigRequestParameters(id, params, notes) ⇒ object**

Updates the parameters of a *TierConfigurationRequest* object.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated Request object.

Param	Type	Description
id	string	The unique identifier of the TierConfigurationRequest object.
params	Array	Array of <i>Parameter</i> objects to update.
notes	string	An optional <b>notes</b> for the TierConfigurationRequest.



### fulfillment.createTierConfigRequest(request)

Creates a new *TierConfigurationRequest* object.

**Kind:** instance method of Fulfillment

Param	Type	Description
request	object	The TierConfigurationRequest object to create.

### fulfillment.createUpdateTierConfigRequest(configId, params)

Creates a new *TierConfigurationRequest* object of type="update".

**Kind:** instance method of Fulfillment

Param	Type	Description
configId	string	The TierConfigurationRequest unique identifier.
params	Array	An array of parameters.

### fulfillment.inquireTierConfigRequest(id, params, notes)

Updates the *TierConfigRequest* object to inquire the tier for ordering parameter.

It updates the *Parameter* object **value\_error** attribute and set the status of the *TierConfigRequest* to 'inquire'.

**Kind:** instance method of Fulfillment

Param	Type	Description
id	string	The unique identifier of the Request object.
params	Array	An array of <i>Parameter</i> objects to update.
notes	string	An optional 'notes' attribute for the Request.

#### Example

```
// example of the params argument.
[
  {
    id: 'param_a', // id is required
    value_error: 'This address is already used. Try another.'
```



```

    }
  ]

```

### **fulfillment.pendingTierConfigRequest(id) ⇒ object**

Updates the *TierConfigRequest* and set its status to 'pending'.

**Kind:** instance method of Fulfillment

**Returns:** object - The updated *TierConfigRequest* object.

Param	Type	Description
id	string	The unique identifier of the TierConfigRequest object.

### **fulfillment.getTierConfigRequest(id) ⇒ object**

Retrieve the *TierConfigRequest* object identified by its id.

**Kind:** instance method of Fulfillment

**Returns:** object - The *TierConfigRequest* object.

Param	Type	Description
id	string	The unique identifier of the TierConfigRequest object.

### **fulfillment.getConnectionIdByProductAndHub(productId, hubId) ⇒ string | null**

Search a connection by a product and a hub and if found returns the connection identifier otherwise returns null.

**Kind:** instance method of Fulfillment

**Returns:** string | null - The Connection identifier or null.

Param	Type	Description
productId	string	The unique identifier of the Product.
hubId	string	The unique identifier of the Hub.