

[Documentation](#) → [Developer Resources](#) → [Connect SDK and Tools](#) → [Javascript SDK](#) →

Class Fulfillment



This article has been generated from the online version of the documentation and might be out of date. Please, make sure to always refer to the online version of the documentation for the up-to-date information.

Auto-generated at August 14, 2024

Fulfillment

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

Kind: global class

Category: Operations

- Fulfillment
 - `new Fulfillment(client)`
 - `.searchRequests(query) ⇒ Array`
 - `.failRequest(id, reason) ⇒ object`
 - `.updateRequest(id, request) ⇒ object`
 - `.createRequest(request)`
 - `.updateRequestParameters(id, params, note) ⇒ object`
 - `.inquireRequest(id, request, params, note) ⇒ object`
 - `.inquireRequestWithTemplate(id, templateId, params, note) ⇒ object`
 - `.approveRequest(id, request) ⇒ object`
 - `.approveRequestWithTemplate(id, templateId) ⇒ object`
 - `.pendingRequest(id) ⇒ object`
 - `.getRequest(id) ⇒ object`
 - `.searchTierConfigRequests(query) ⇒ Array`
 - `.failTierConfigRequest(id, reason)`
 - `.approveTierConfigRequest(id, request) ⇒ object`
 - `.approveTierConfigRequestWithTemplate(id, templateId) ⇒ object`
 - `.updateTierConfigRequest(id, request) ⇒ object`
 - `.updateTierConfigRequestParameters(id, params, notes) ⇒ object`
 - `.createTierConfigRequest(request)`
 - `.createUpdateTierConfigRequest(configId, params)`
 - `.inquireTierConfigRequest(id, params, notes)`
 - `.pendingTierConfigRequest(id) ⇒ object`
 - `.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 note 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'.


CloudBlue.

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 notes 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.