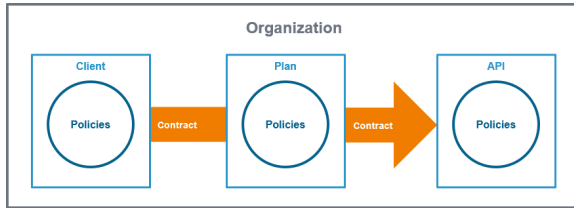


Creating a Contract

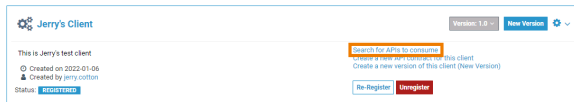
Consuming an API means, that a client is linked to an API, thus is able to invoke this API. The primary action taken when configuring a client is the creation of contracts to APIs. As a contract defines the link between an API and a client, creating a contract is possible in two ways

- [From the Client Details Page](#)
- [From the API Details Page](#)

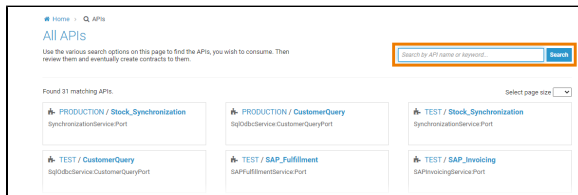


From the Client Details Page

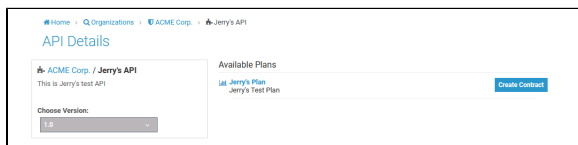
In the [basic settings](#) of a client you can find the link **Search for APIs to consume**:



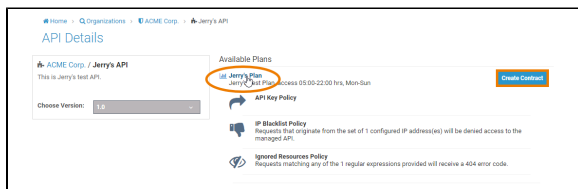
If you use this link, you will be taken to the API search (see page [Finding APIs](#) for details). Use the search to find the API you wish to consume:



Once you have found the API you are interested in, click on its name in the search results area. This will take you to the consumer-oriented API details page:



This page presents you a list of all the API versions and a list of all of the available plans the API can be consumed through. You can click on an individual plan to see the details of the policies that will be enforced should that plan be chosen. Click on the **Create Contract** button next to the plan you wish to use when consuming this API:



You will be taken to the page **New Contract**. As client, plan and API are already determined at this stage, all necessary fields have been filled and you just need to confirm that you wish to create this contract by clicking the **Create Contract** button.

However, if you want to change some of the entries on this page, you are still able to do this - the corresponding drop-down fields will only display available clients, plans and APIs:

On this Page:

- [From the Client Details Page](#)
- [From the API Details Page](#)

Related Pages:

- [Client Settings](#)
- [Finding Clients](#)
- [Creating a Client](#)
- [Registering a Client](#)
- [Deleting a Client](#)
- [APIs](#)

New Contract

Creating a contract allows you to connect a client to an API using a particular plan offered by the API. Create a contract to enable your client to invoke the API successfully. This is not necessary for public APIs.

From Client

The client in the version that will be used as the source of the new API contract.

ACME Corp. / ACME Client 1.0

Using Plan

Use the drop-down below to choose one of the plans made available by the selected API.

Jerry's Plan

To API

Select the target of this API contract. The target is the API the client will be consuming.

ACME Corp. / Jerry's API ↗ 1.0
(Click to Change)

Create Contract Cancel

Confirm your choice with the **Create Contract** button. You will then be taken to the **Contracts** tab on the client details page where the new contract is added to the list of concluded contracts for this client:

Home ACME Corp. Jerry's Client

Jerry's Client

Version: 1.0 New Version

This is Jerry's test client.

Created on 2022-03-09

Created by jerry cotton

Status REGISTERED MODIFIED

Overview

Contracts

Policies

APIs

Metrics

Change Log

API Contracts

Here is a list of all APIs that this client is currently contracted to utilize. This provides a list of all APIs that client can potentially invoke.

Filter by org or API name.

Show All New Contract

ACME Corp. / Jerry's API Created
API version: 1.0 The plan, Jerry's Plan entered into on 2022-03-09
This is an ACME Test API Break Contract

ACME Corp. / Jerry's API Created
API version: 2.0 The plan, Jerry's Plan entered into on 2022-03-09
This is an ACME Test API Break Contract

You can also break API contracts from this list by clicking the appropriate **Break Contract** button.

Another option to create a new contract from the client details page is by using the link **Create a new API contract for this client**:

Jerry's Client

Version: 1.0 New Version

This is Jerry's test client.

Created on 2022-03-29

Created by jerry cotton

Status REGISTERED MODIFIED

Search for APIs to consume

Create a new API contract for this client

Create a new version of this client (New Version)

No Register Unregister

The link will directly open the page **New Contract**. Since you opened the page from the client details page, the client is already determined - but you are still able to change it at this stage. However, you must choose an API before the list of available plans can be displayed:

New Contract

Creating a contract allows you to connect a client to an API using a particular plan offered by the API. Create a contract to enable your client to invoke the API successfully. This is not necessary for public APIs.

From Client

The client in the version that will be used as the source of the new API contract.

ACME Corp. / Jerry's Client1.0

Using Plan

You have to choose a valid API below before the available plans can be displayed. Either you have not selected an API or the API has no available plans.

To API

Select the target of this API contract. The target is the API the client will be consuming.

Select an API

Create Contract

Cancel

The **Create Contract** button is only enabled after you have chosen an API. If you click the button, you will be taken to the **Contracts** tab on the client details page where the new contract is added to the list of concluded contracts for this client.

From the API Details Page

Creating a new contract is also possible from the API details page. In the [basic settings](#) of the API you will find the link **Link my Client to this API (New Contract)**:

Jerry's API

Version: 1.0New Version

This is Jerry's test API.
Created on 2022-03-29
Created by jerry.cotton
Status **Published**

Link my client to this API (New Contract)

Create a new version of this API (New Version)

No PublishDelete

Clicking this link will open the **New Contract** page. Since you opened the page from the APIs details page, the API is already determined - but you are still able to change it via the drop-down field. The fields for client and plan already contain proposed values. You can directly confirm the contract with the proposed values by using the **Create Contract** button - or select deviant values for client and plan before creating the new contract:

New Contract

Creating a contract allows you to connect a client to an API using a particular plan offered by the API. Create a contract to enable your client to invoke the API successfully. This is not necessary for public APIs.

From Client

The client in the version that will be used as the source of the new API contract.

ACME Corp. / Jerry's Client1.0

Using Plan

Use the drop-down below to choose one of the plans made available by the selected API.

Jerry's Plan

To API

Select the target of this API contract. The target is the API the client will be consuming.

ACME Corp. / Jerry's API1.0
(click to change)

Create Contract

Cancel

Confirm your choice with the **Create Contract** button. You will then be taken to the **Contracts** tab on the client details page where the new contract is added to the list of concluded contracts for this client:

Home

ACME Corp.

Jerry's Client

Jerry's Client

This is Jerry's test client.

Created on 2022-03-29

Created by jerry cotton

Status: Not Registered Not Registered

Search for APIs to consume

Create a new API contract for this client

Create a new version of this client (New Version)

Version: 1.0.0

New Version

API Contracts

Here is a list of all APIs that this client is currently contracted to utilize. This provides a list of all APIs that client can potentially invoke.

Filter by org or API name:

Search

Break All

New Contract

ACME Corp. / Jerry's API Created

API version: 1.0 via plan Jerry's Plan entered into on 2022-03-29

This is Jerry's test API.

New Contract

ACME Corp. / Jerry's API Created

API version: 2.0 via plan Jerry's Plan entered into on 2022-03-29

This is Jerry's test API.

New Contract