## **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:

\$\$ Jerry's Client	Version: 1.0 - New Version 🔅 🗸
This is Jerry's test client	Center for a Africa To consume
© created on 2022-01-06	enterna a strate and enternations for this client
å Created by the conten	Create a new version of this client (New Version)
Status: sticlistance	The Register Version

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:

Use the various search options on this page to find the AP review them and eventually create contracts to them.	is, you wish to consume. Then	Search by API hame or keyword
Found 31 matching APIs.		Select page siz
H- PRODUCTION / Stock_Synchronization SynchronizationService/Port	PRODUCTION / CustomerQuery Sql0dbcService:CustomerQueryPort	TEST / Stock_Synchronization SynchronizationService Port
PRODUCTION / Stock_Synchronization     SynchronizationServicePort	PRODUCTION / CustomerQuery EqDdbdservice:CustomerQueryPort	TEST / Stock_Synchronization     SynchronizationSynchronizationSynchronizationSynchronization

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:

Home > Q Organizations > U ACME	Corp. > 📥 Jerry's API	
API Detalls		
#- ACME Corp. / Jerry's API	Available Plans	
This is Jerry's test API	Lat. Jerry's Plan Jerry's Test Plan	Create Contract
Choose Version:		
1.0 ~		

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:

AFT Details		
n- ACME Corp. / Jerry's API	Available Plans	
This is Jerry's test AP1.	Jerry Plan Jerry Pist Plan Ccess 05:00-22:00 hrs, Mon-Sun	te Contract
Choose Version: 1.0	API Key Policy	
	IP Blacklist Policy Requests that originate from the set of 1 configured IP address(es) will be denied access to managed API.	the
	Ignored Resources Policy	

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:		
	<ul> <li>From the Client Details Page</li> <li>From the API Details Page</li> </ul>	
Relate	d Pages:	
	Client Settings     Finding Clients     Creating a Client	

APIs

Creatir by the necess	ng a contract allows you to connect a client to an API using a particular plan offere API. Create a contract to enable your client to invoke the API successfully. This is n sary for public APIs.
Ø\$ Fr	om Client
The	client in the version that will be used as the source of the new API contract.
	W Heine Plan
	Use the drop-down below to choose one of the plans made available by the selected API.
nt. To	API
Sele	ct the target of this API contract. The target is the API the client will be consuming.

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:

Or Jerry's Clier	it	Versier: 1.0 - New Version 🔅
This is Jerry's test clier O Created on 2022-0 Created by jerry co	t 1-00 fon	Search for APIs to consume Create a new API contract for this client Create a new version of this client (New Version)
Status: RECISTERED	MODIFIED	Re-Register Unregister
	API Contracts	
Overview	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.	
Contracts		
Policies	Filter by org or API name	Break All New Contract
APIs	ACME Corp. / Jerry's API Created API version 1.0 via plan Jerry's Plan entered into on @ 2022-00- This is an ACME Test API	Break Contract
Metrics	ACME Corp. / Jerry's API Created	Break Contract
	This is an ACMI Test All	

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 v
This is Jerry's test client. O Created on 2022-03-29 & Created by jerry cotton	Search for ABIs to consume Create a new API contract for this client Create a new version or this client (New Version)
Status REGISTERED MOOIFIED	Re-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:



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: 1.0 v New Version 🌞 🗸
This is Jeny's test API. O Created on 2022-00-29 & Created by processon Status: Providence	Live my direct to this AP( (live Contract) - Contract direct and the set and species to the (in) Re-Publish Refe

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:

Creatin offerer succes	ng a contract allows you to connect a client to an API using a particular plan by the API. Create a contract to enable your client to invoke the API ssfully. This is not necessary for public APIs.
¢\$ Fr	om Client
The	client in the version that will be used as the source of the new API contract.
	Lill Using Plan
	Use the drop-down below to choose one of the plans made available by the selected API.
	Jerny's Plan 🗸
th- To	API
Sele cons	ct the target of this API contract. The target is the API the client will be uming.
	ACME Corp. / Jerry's API ⇔ 1.0
	(click to change)

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:

May berrys on	ent	Version: 1.0 - New Version
This is Jerry's test client. © Created on 2022-03-29 ≜ Created by jerry.conton		Search for APIs to consume Create a new API contract for this client Create a new version of this client (New Version)
Status: REGISTERED	MODIFIED	Re-Register Unregister
Overview	API Contracts Five is a lat of all APIs that this client is currently contracted to unitse. This provides a last of all APIs that client care providently monits.	
Contracts	Filter by org or API name	Break All New Contract
Folicies	ACME Corp. / Jerry's API Created API version 1.0 via plan Jerry's Plan entered into on @ 200	12-03-29 Break Contract
APIs	This is Jerry's test AP1.	