

# Search for NZ Business

The NZBN API allows you to build search functionality into your own software that searches for businesses on the NZBN Register. You have the option to use this in a production or a sandbox environment.

## Before you begin

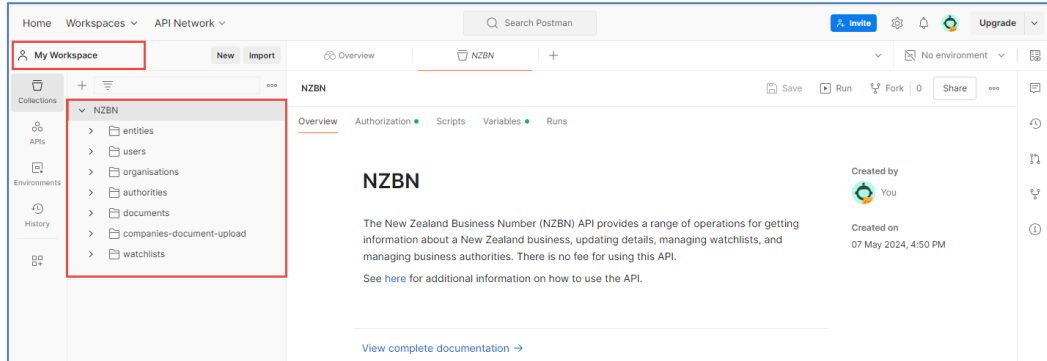
You must have:

- [Registered](#) in the [MBIE API developer portal website](#) and [subscribed](#) to the NZBN API. Once approved for access you can retrieve API subscriber keys that allow you access to production and sandbox.
- Registered and signed in to Postman (the premium API testing tool) and imported the NZBN API.
- Set up a production environment and/or sandbox environment in Postman, see Quick Reference Guide – **Set Up Environments**.

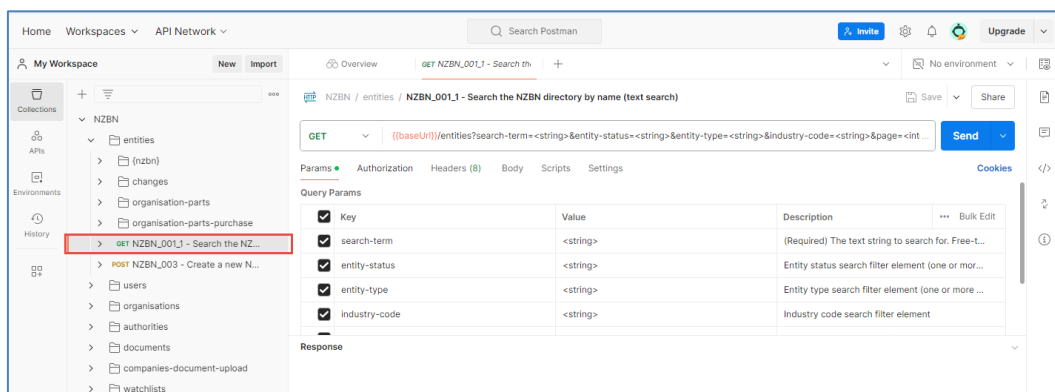
## Create a Search for NZ Businesses

This example shows how to create a request to perform a text search by name for NZ businesses in the NZBN Register using Postman. The response shows a summary of information such as the entity name, entity type, NZBN which you can display separately, or you can use the NZBN in a follow up operation to view more information about an entity.

1. Select and expand the **NZBN** folder in your workspace in Postman.

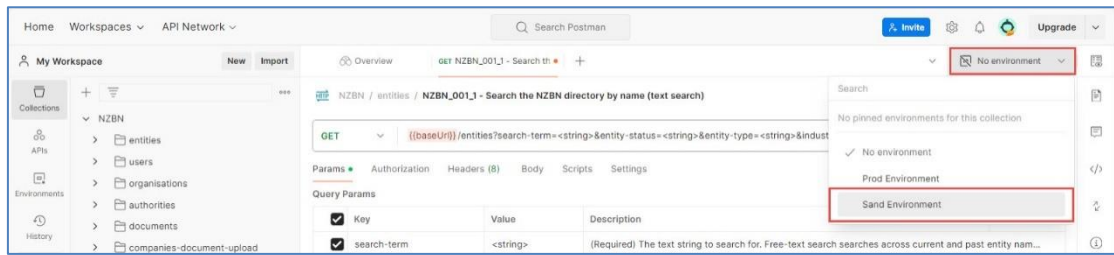


2. Expand **Entities** under NZBN then select **NZBN\_001\_1 – Search the NZBN directory by name**.



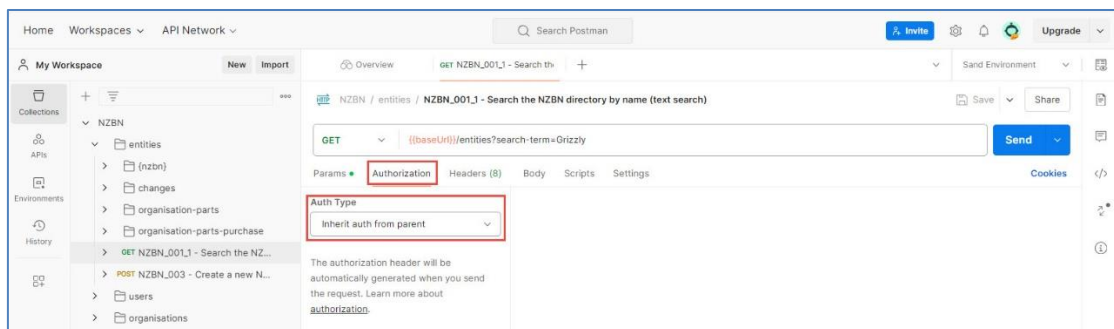
- The available parameters display for this search.

3. Select the **Environment** you require in the top right of the screen, (e.g. Sand Environment).

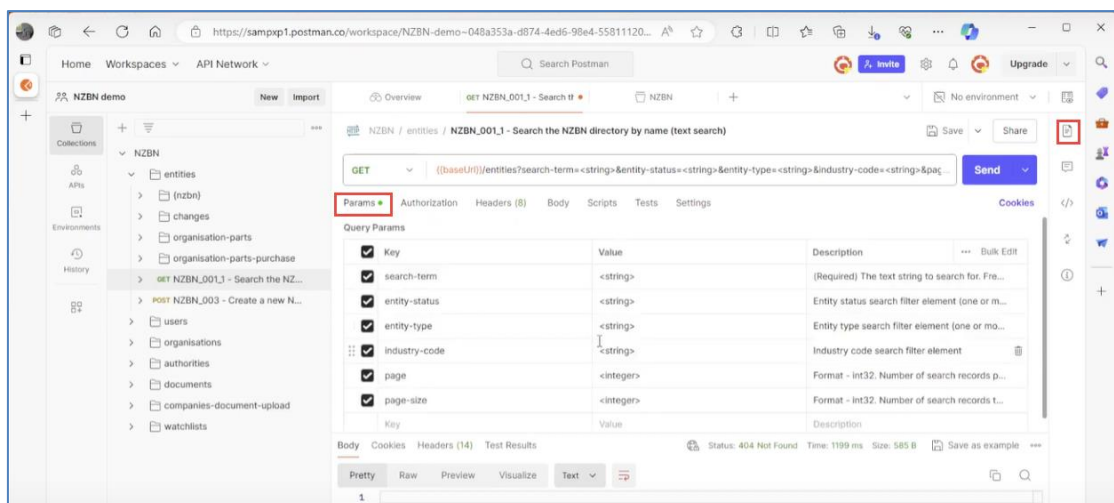



**Note:** We recommend you set up a production environment and/or a sandbox environment before performing any API requests. These environments then automatically reference variables created at the NZBN parent level. Refer to Quick Reference Guide - **Set Up Environments**.

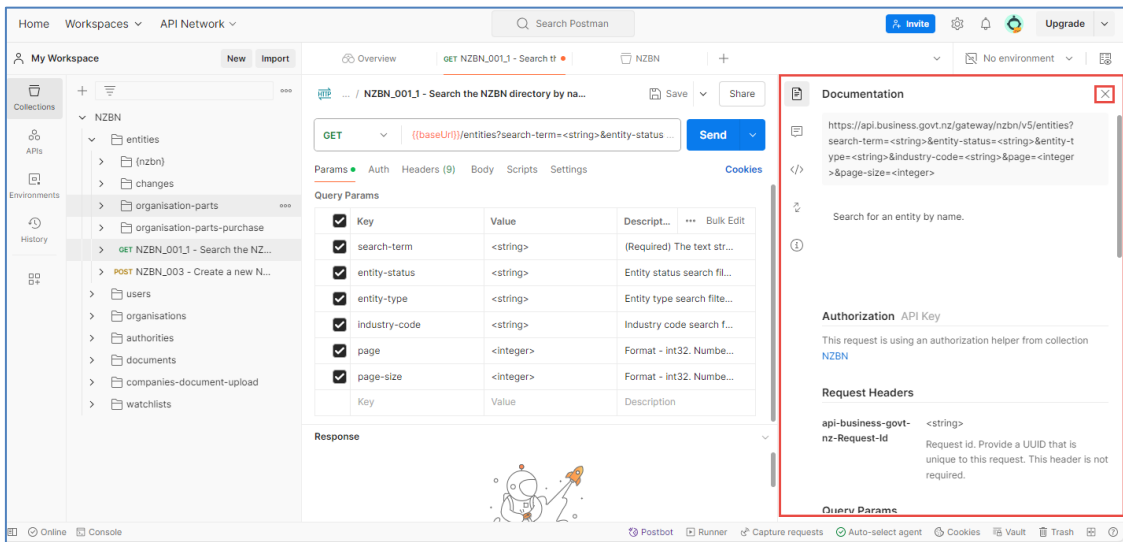
4. Click **Authorisation** and check the **Auth Type** is set to **Inherit auth from parent**.



5. Click **Params** to return to the parameters screen. All parameters default as selected.



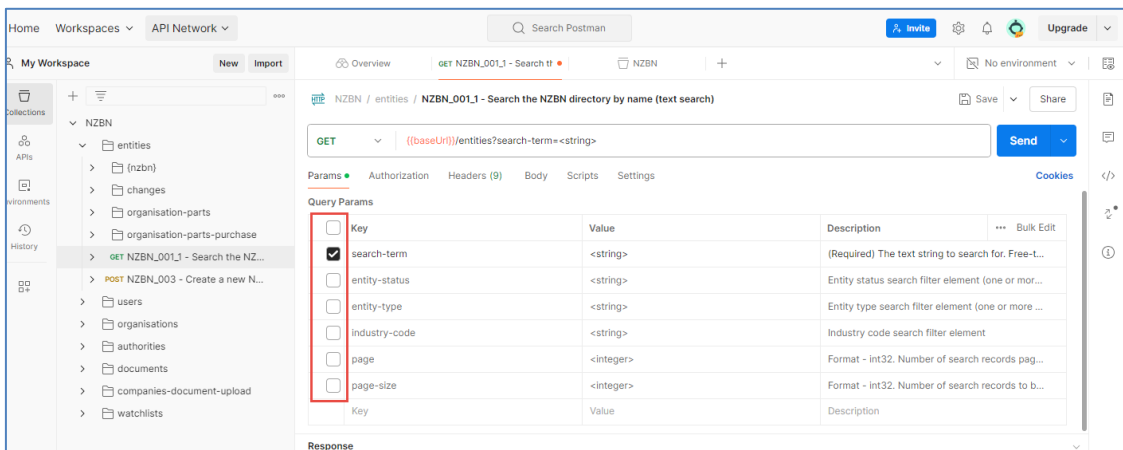
- If required, click  (Documentation icon) in the top right view the documentation for these parameters and scroll to see all details. This is the same information that displays on the NZBN API website.



- Click **X** to close the Documentation panel.

6. For this search example, the only mandatory parameter required is **Search-term**.

- Click the box in front of all other parameters to deselect them.

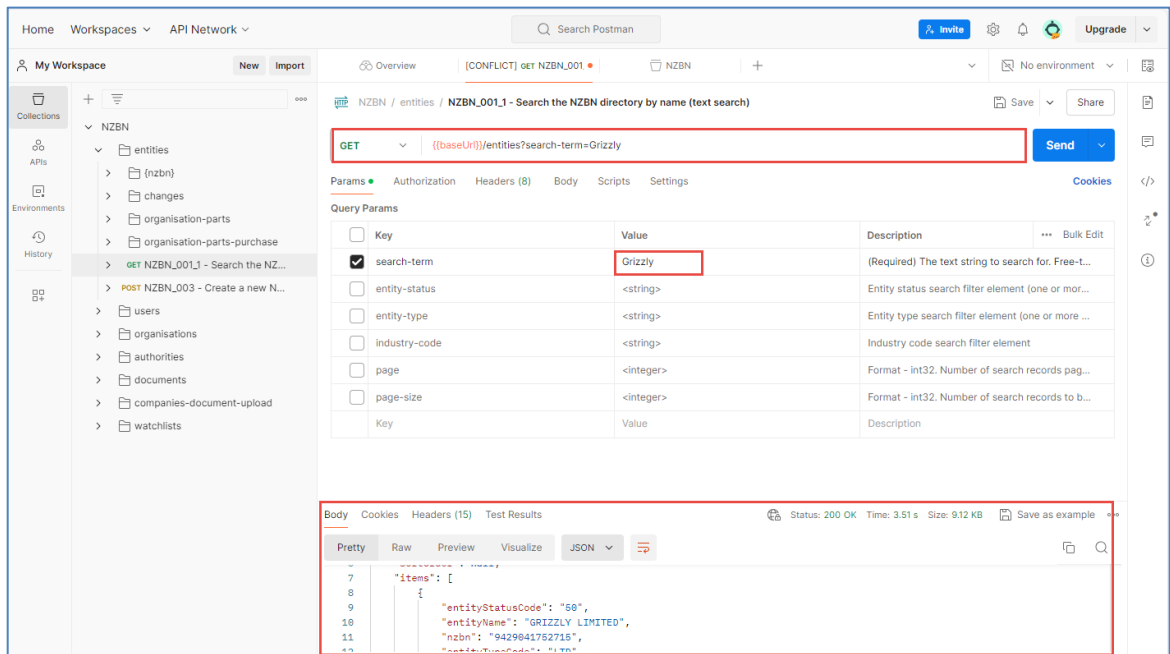


7. To perform a search, click **Params**:

- Type a name over *<string>* in the **Value** field for the **search-term** parameter. This also updates the **GET** statement above.
- Click **Send**. The results of your search display below in the Response area.
- Hover the mouse over the top of the results area and drag it up to expand the search results area then scroll down to view all results.

### Search example

Enter 'Grizzly' (i.e. overwrite *<string>*) in the **Value** field for the search-type parameter and click **Send**.



- Hover the mouse over the top of the results area and drag it up to expand the search results area then scroll down to view all results.