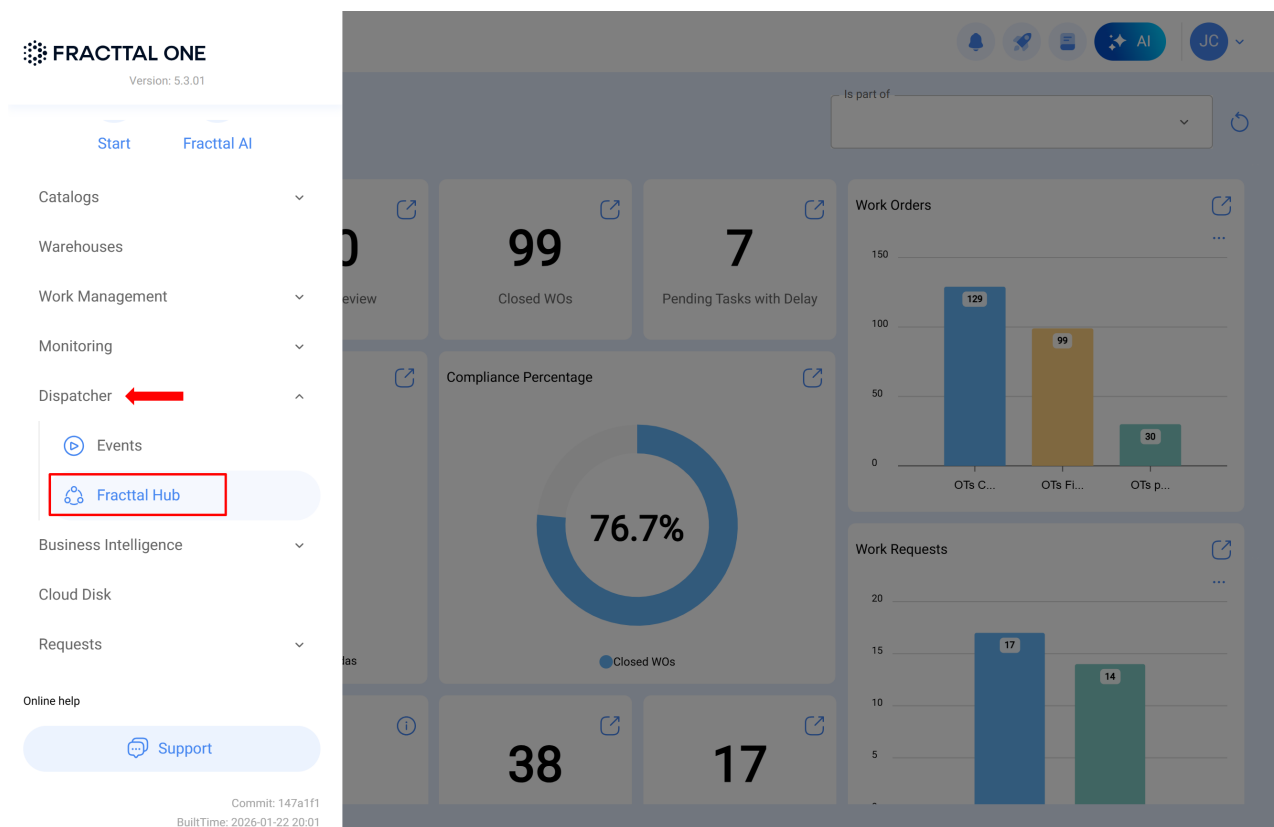


ETL configuration in Fractal Hub module

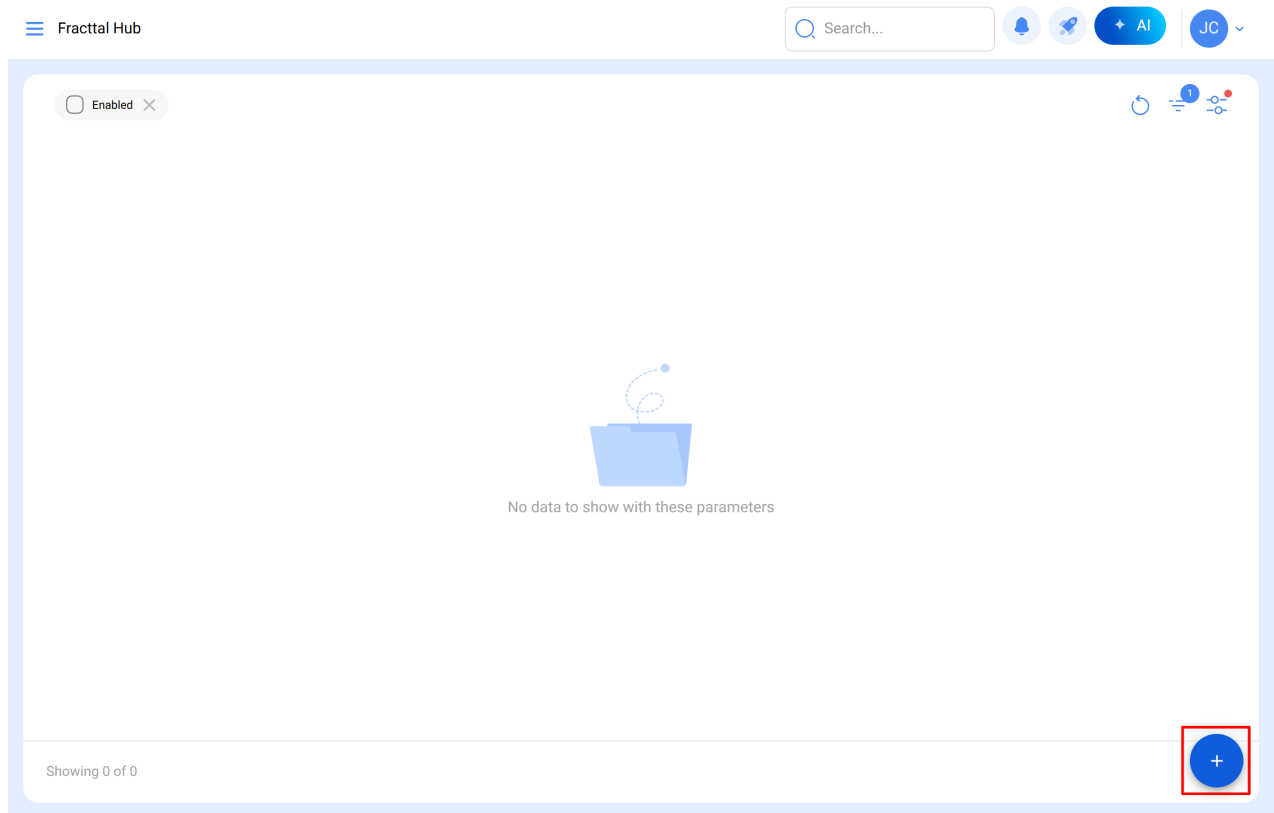
 help.fractal.com/hc/en-us/articles/26151847026061-ETL-configuration-in-Fractal-Hub-module



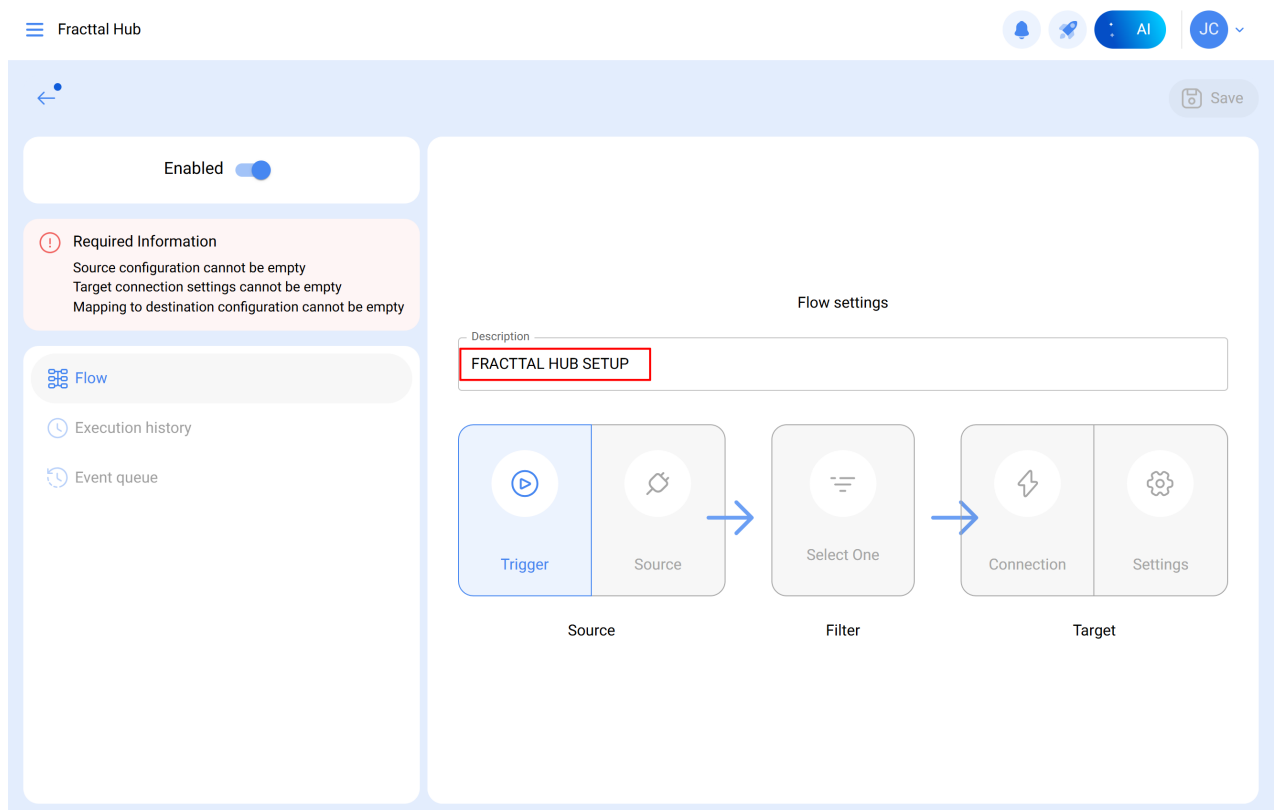
1. From the Fractal One platform, go to the Dispatcher module and select Fractal Hub from the main menu.



2. Click on the "Add" option in the lower right corner.



3. Give a name to your flow configuration.



4. Select "Trigger".

Fractal Hub

🔔

🔗

AI

JC

←

Save

Enabled ☒

Required Information

Source configuration cannot be empty
Target connection settings cannot be empty
Mapping to destination configuration cannot be empty

Flow

Execution history

Event queue

Flow settings

Description

FRACTAL HUB SETUP

Trigger

Source

Select One

Connection

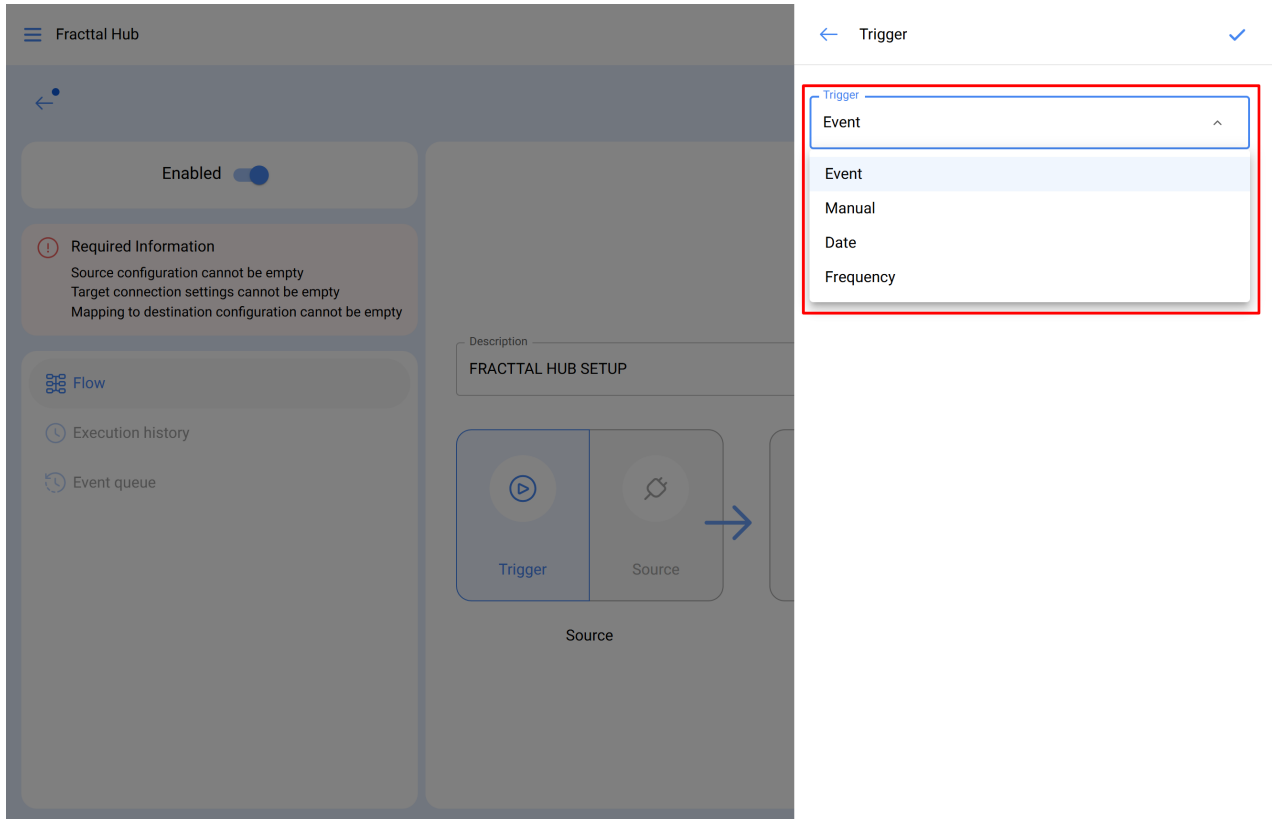
Settings

Source

Filter

Target

5. Choose the type of trigger:



- **Event:** It is triggered every time a registered event occurs in the automator.
- **Manual:** Triggered only by a manual click.
- **Date:** Triggered on a specific date.
- **Frequency:** Triggered at programmed time intervals.

6. Then select the dispatcher, which can be either a preconfigured one or created from scratch.

The screenshot shows the Fractal Hub interface. On the left, there is a sidebar with a menu icon and the text 'Fractal Hub'. Below this, there is a toggle switch labeled 'Enabled' which is turned on. A 'Required Information' section lists three items: 'Source configuration cannot be empty', 'Target connection settings cannot be empty', and 'Mapping to destination configuration cannot be empty'. Below this, there is a 'Flow' section with a play icon and the text 'Flow'. Further down, there are two items: 'Execution history' and 'Event queue'. The main area on the right shows a 'Description' field with the text 'FRACTAL HB SETUP'. Below this, there is a diagram with two boxes: 'Trigger' and 'Source', connected by a blue arrow pointing from 'Trigger' to 'Source'. The 'Trigger' box has a play icon, and the 'Source' box has a refresh icon. The 'Trigger' box is highlighted with a blue border. On the right side of the interface, there is a 'Trigger' configuration panel. It has a title 'Trigger' with a back arrow and a checkmark. Below the title, there are two dropdown menus. The first dropdown is labeled 'Trigger' and has 'Event' selected. The second dropdown is labeled 'Dispatcher' and is highlighted with a red box. It has a blank selection.

The screenshot shows the Fractal Hub interface, similar to the one above. The 'Trigger' configuration panel on the right is now updated. The 'Trigger' dropdown still has 'Event' selected. The 'Dispatcher' dropdown now has 'meter without update' selected. The rest of the interface, including the sidebar, toggle switch, required information section, flow section, and the main area diagram, remains the same.

7. Once the trigger has been selected, click on "Save".

The screenshot shows the 'Fractal Hub' interface. On the left, there's a sidebar with a menu icon and the text 'Fractal Hub'. Below it, there's a section titled 'Enabled' with a toggle switch. Further down, a 'Required Information' section lists three items: 'Source configuration cannot be empty', 'Target connection settings cannot be empty', and 'Mapping to destination configuration cannot be empty'. Below that, there's a 'Flow' section with a play icon and the text 'Flow'. Underneath 'Flow' are two items: 'Execution history' and 'Event queue'. The main area of the interface is titled 'Trigger' and shows a configuration for 'Event' as the 'Trigger' and 'meter without update' as the 'Dispatcher'. A red arrow points to a 'Save' button in the top right corner. The bottom of the interface shows a 'Description' section with the text 'FRACTAL HB SETUP' and a diagram showing a 'Trigger' box connected to a 'Source' box.

8. Select "**Source**" and specify the module, connection and action: In our example we will work with Google Sheet

The screenshot shows the Fractal Hub interface. At the top, there's a navigation bar with "Fractal Hub" and a user profile "JC". Below the navigation bar, there's a sidebar on the left with a toggle for "Enabled" and a "Required Information" section. The main area is titled "Flow settings" and contains a description field with the text "FRACTAL HUB SETUP". Below the description, there's a flow diagram with three steps: "Trigger" (a play button icon), "Source" (a magnifying glass icon, highlighted with a red box), and "Filter" (a funnel icon). The "Source" step is connected to the "Filter" step by a blue arrow. Below the flow diagram, there's a "Target" section with two options: "Connection" (a lightning bolt icon) and "Settings" (a gear icon). The "Source" step is also connected to the "Target" section by a blue arrow.

The screenshot shows the Fractal Hub interface with the "Source" module selected. The sidebar on the left is dimmed. The main area is titled "Source" and contains a description field with the text "FRACTAL HUB SETUP". Below the description, there's a flow diagram with two steps: "Trigger" (a play button icon) and "Source" (a magnifying glass icon). The "Source" step is connected to the "Target" section by a blue arrow. The "Target" section is dimmed. On the right side, there's a configuration panel for the "Source" module. It has three fields: "Module" (a dropdown menu), "Connection" (a text input field), and "Action" (a text input field).

- **Module:** Select the desired communication type (previously configured in the configuration module), such as Fractal API, database, email, HTTP request or Google Sheets.
- **Connection:** Choose the communication settings previously established (This is previously done from the configuration module).
- **Action:** Define the action you want the communication to perform, in this case it is "read".

The screenshot displays the Fractal Hub interface. On the left, a sidebar contains a menu with 'Flow', 'Execution history', and 'Event queue'. The main area shows a 'FRACTAL HUB SETUP' card with a 'Trigger' button and a 'Source' button. A blue arrow points from the 'Source' button to the right-hand configuration panel.

The 'Source' configuration panel on the right includes the following fields:

- Module:** A dropdown menu set to 'GoogleSheet'.
- Connection:** A dropdown menu set to 'DP' with a close icon (X).
- Action:** A dropdown menu set to 'Read'.
- spreadsheet_id:** A text input field containing the ID '1as291X-ga41s3332Ey0iZkl57tUqS0wx'.
- sheet:** A text input field containing the value '0'.
- Fields:** A section with a 'Name' dropdown set to 'id', a 'Text' dropdown, and a plus icon (+) to add more fields.

9. Once these options are completed and after selecting Google Sheet, the following fields will be enabled to be filled out

- **spreadsheet_id**: Enter the snippet of the Google Sheets link you are working with.

The image shows a Google Sheet interface at the top and the Fractal Hub configuration interface at the bottom.

Google Sheet Interface:

- Address bar: <https://docs.google.com/spreadsheets/d/1XW347B524554141i064Xf6aEv5i0ZxK4uQiFyKpC/edit#gid=0>
- Email: conexionfractalgooglesheet@integraciones-fractal.iam.gserviceaccount.com
- Menu bar: File, Edit, View, Insert, Format, Data, Tools, Extensions, Help
- Toolbar: Includes undo, redo, print, copy, paste, zoom (100%), currency, percentage, decimal, thousand separator, default font, bold, italic, underline, text color, background color.
- Grid: Columns A through H are visible. Column E is selected.

Fractal Hub Interface:

- Left sidebar: Fractal Hub, Flow, Execution history, Event queue.
- Main area: FRACTAL HUB SETUP. A diagram shows a 'Trigger' block connected to a 'Source' block.
- Right sidebar: Configuration for the 'Source' block.

Source Configuration Fields:

- Module: GoogleSheet
- Connection: DP
- Action: Read
- spreadsheet_id: 1XW347B524554141i064Xf6aEv5i0ZxK4uQiFyKpC (highlighted with a red box)
- sheet: 0
- Fields: Name (id), Text, +

- **Sheet:** This field indicates on which sheet the information is located. It is important to remember that the sheet numbering order starts from zero. Therefore, if the sheet is the first one, the number zero must be entered in this space, since zero indicates that it is the first sheet.

Fractal Hub

Enabled ☒

Required Information
Source configuration cannot be empty
Target connection settings cannot be empty
Mapping to destination configuration cannot be empty

Flow

Execution history

Event queue

Description
FRACTAL HUB SETUP

Trigger

Source

Source

Module
GoogleSheet

Connection
DP

Action
Read

spreadsheet_id
1XW347B524554141I064Xf6aEy5i0ZxK4uQiFyKPc

sheet
0

Fields

Name
id

Text

- **Fields:** Here you should add the names of the different columns you have in your Google Sheets file.

Fractal Hub

Enabled ☒

Required Information
Source configuration cannot be empty
Target connection settings cannot be empty
Mapping to destination configuration cannot be empty

Flow
Execution history
Event queue

Description
FRACTTAL HUB SETUP

Trigger → Source

Source

Source Configuration

Module: GoogleSheet

Connection: DP

Action: Read

spreadsheet_id: 1as291X-ga41s3332Ey0iZkI57tUqS0wx

sheet: 0

Fields

Name	Type	
id	Numbe	
CODE	Text	
NAME	Text	
TYPE	Numbe	+

Note: In the image above, we have added these specific fields, as they correspond to the different columns found in our Google Sheets file.

Id	Code	Name	Type
9989	test01	testasset1	2
9979	test02	testasset2	2
9969	test03	testasset3	2
9959	test04	testasset4	2
9959	test04	testasset4	2

9. Click on "Save".

Fractal Hub

Enabled ☒

Required Information
 Source configuration cannot be empty
 Target connection settings cannot be empty
 Mapping to destination configuration cannot be empty

Flow
 Execution history
 Event queue

FRACTAL HUB SETUP

Trigger **Source**

Source

Source

Module: GoogleSheet

Connection: DP

Action: Read

spreadsheet_id: 1as291X-ga41s3332Ey0iZki57tUqS0wx

sheet: 0

Fields

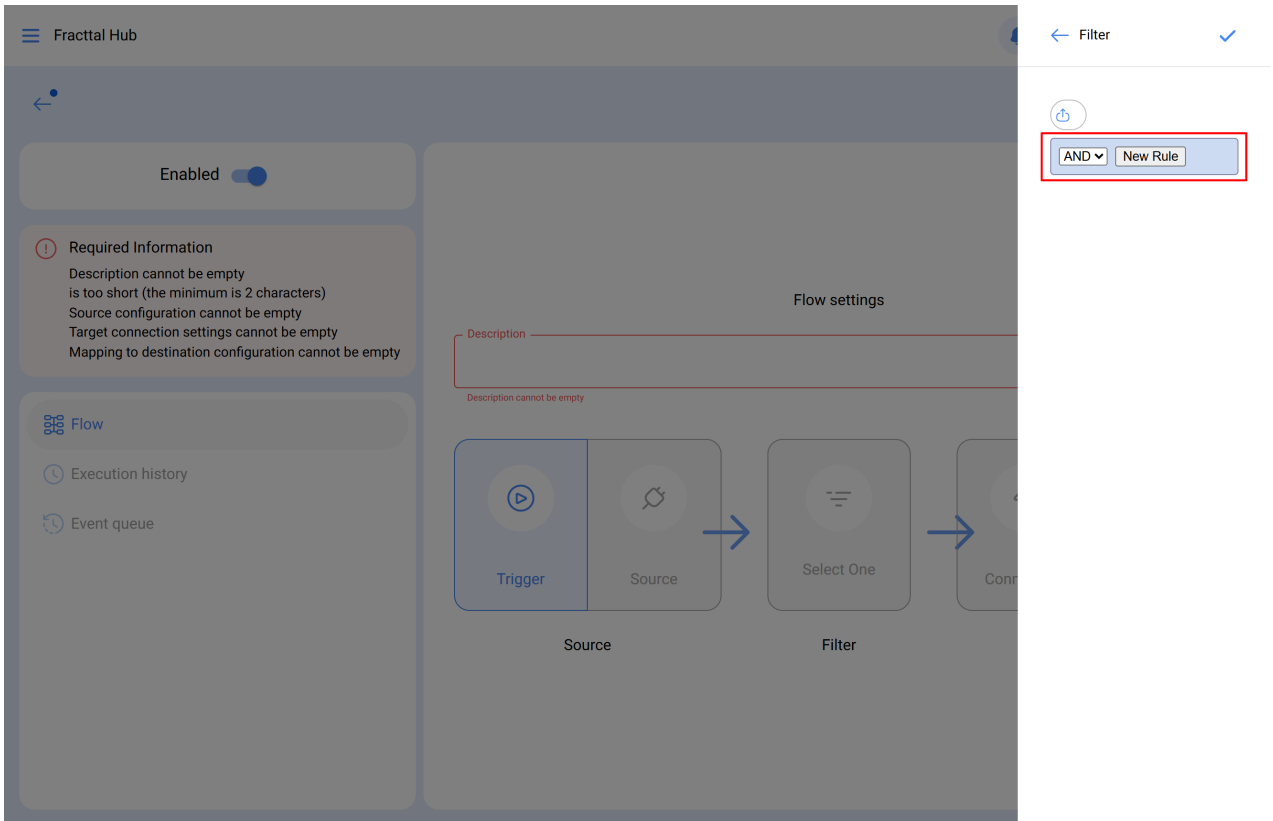
Name: id	Numbe	
Name: CODE	Text	
Name: NAME	Text	
Name: TYPE	Numbe	

10. In case you want a more precise extraction of information, select "Filter" to set conditions (rules) defining what information you want to extract. If you feel this is not necessary, you can skip this step and continue with the next one.

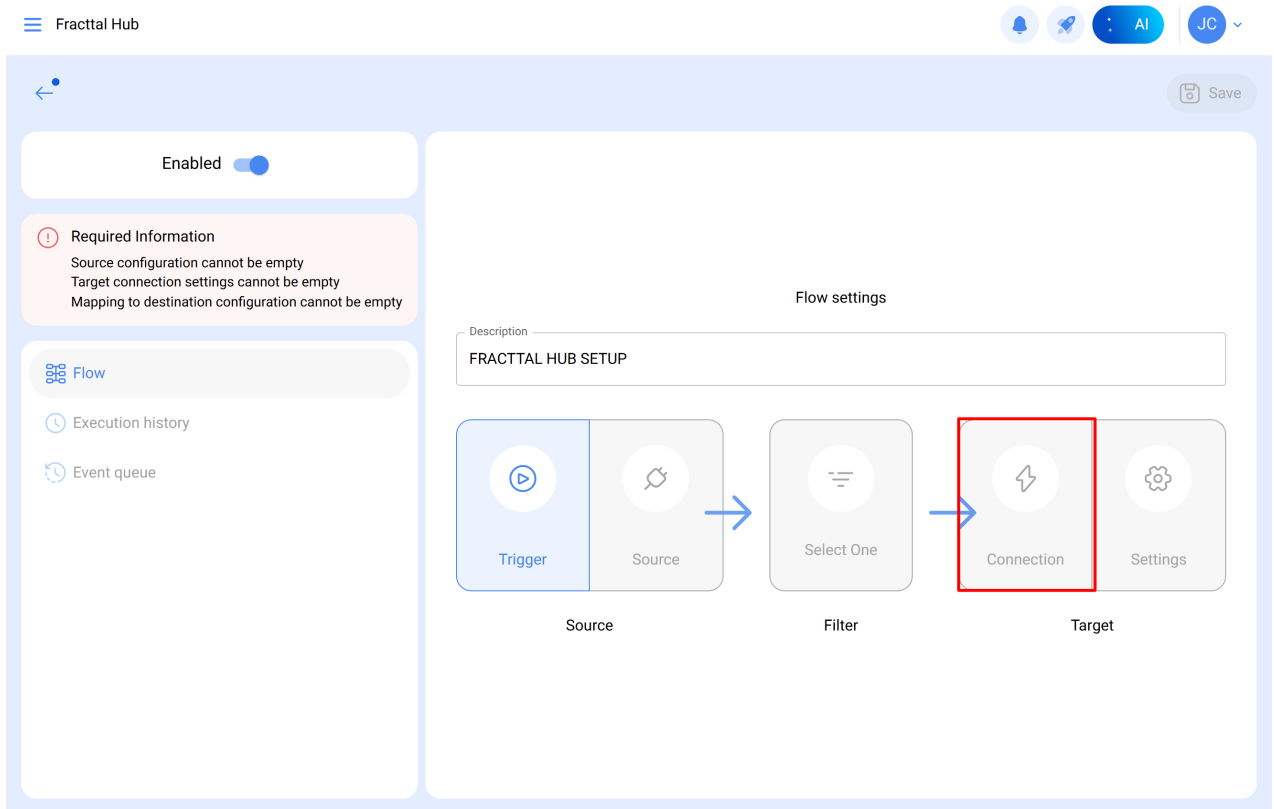
The screenshot displays the Fractal Hub interface for configuring a flow. The top navigation bar includes the 'Fractal Hub' logo, a notification bell, a search icon, an 'AI' button, and a user profile 'JC'. The main interface is divided into three sections:

- Left Sidebar:** Contains an 'Enabled' toggle switch, a 'Required Information' section with error messages ('Source configuration cannot be empty', 'Target connection settings cannot be empty', 'Mapping to destination configuration cannot be empty'), and a 'Flow' section with links for 'Execution history' and 'Event queue'.
- Flow settings:** The central area for configuring the flow. It includes a 'Description' field with the text 'FRACTAL HUB SETUP'.
- Flow Diagram:** A visual representation of the flow steps: 'Trigger' (blue box), 'Source' (grey box), 'Filter' (grey box with a red border), 'Connection' (grey box), and 'Settings' (grey box). Arrows indicate the flow from 'Trigger' to 'Source' to 'Filter' to 'Connection' to 'Settings'.

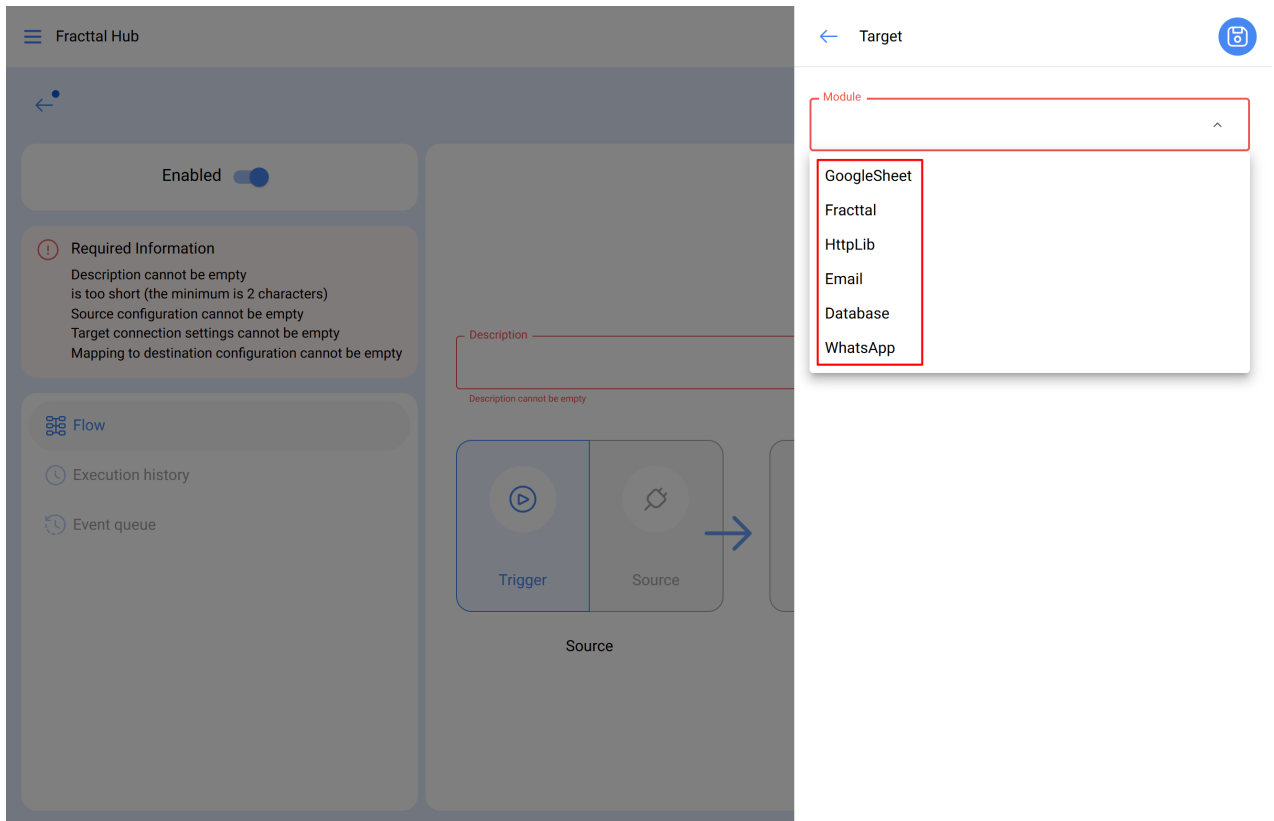
The 'Filter' step is highlighted with a red border, indicating it is the current step being configured.



11. Select "Connection" (Destination).



12. Click on "Module" and select the option you want to connect to send the information. In this example, we choose "Fractal API", since we want to send the information stored in Google Sheets to Fractal One.



13. Choose the name of the consumer created earlier from the "Configuration module".

14. Select the action you want to perform. In our example, we want to create assets in Fracttal One using the information extracted from the Google Sheets file.

The screenshot shows the Fracttal Hub interface. On the left, there's a sidebar with 'Enabled' toggle, 'Required Information' section, and a 'Flow' section with 'Execution history' and 'Event queue'. The main area displays a 'Source' configuration with a 'Trigger' and 'Source' box. On the right, the 'Target' configuration is shown with 'Module' set to 'Fracttal', 'Connection' set to 'WHATSAPP', and 'Action' set to 'Update or create an asset' (highlighted with a red box). A red error message 'Description cannot be empty' is visible below the 'Description' field.

15. Click on save

The screenshot shows the Fracttal Hub interface, similar to the previous one, but with the 'Connection' set to 'WHATSAPP RAMON'. The 'Save' button, represented by a blue icon with a document and a checkmark, is highlighted with a red box in the top right corner of the 'Target' configuration panel. The 'Action' remains 'Update or create an asset'. The red error message 'Description cannot be empty' is still present.

16. Click on Configuration.

The screenshot displays the Fractal Hub configuration interface. At the top, the header includes the Fractal Hub logo, a notification bell, a search icon, an AI button, and a user profile (JC). A 'Save' button is located in the top right corner of the main workspace.

On the left sidebar, there is a toggle for 'Enabled' which is turned on. Below it, a 'Required Information' section lists three warnings: 'Source configuration cannot be empty', 'Target connection settings cannot be empty', and 'Mapping to destination configuration cannot be empty'. Further down, the sidebar contains a 'Flow' section with links to 'Execution history' and 'Event queue'.

The main workspace is titled 'Flow settings' and contains a 'Description' field with the text 'FRACTAL HUB SETUP'. Below this, a flow diagram is shown with three stages: 'Source', 'Filter', and 'Target'. The 'Source' stage includes a 'Trigger' step and a 'Source' step. The 'Filter' stage includes a 'Select One' step. The 'Target' stage includes a 'Connection' step and a 'Settings' step. The 'Settings' step is highlighted with a red rectangular border.

```
graph LR
    subgraph Source
        Trigger[Trigger]
        Source[Source]
    end
    Source --> Filter
    subgraph Filter
        SelectOne[Select One]
    end
    Filter --> Target
    subgraph Target
        Connection[Connection]
        Settings[Settings]
    end
```

17. Here you make a presentation of the names you have in the Google Sheet file, with the names belonging to the Fractal One Software (right column), if you have doubts about the names, you can look up their meaning here: [Fractal API](#)

The screenshot displays the Fractal Hub interface. On the left, a sidebar contains a menu with 'Fractal Hub', 'Flow', 'Execution history', and 'Event queue'. The main area shows a flow configuration with a 'Trigger' and a 'Source' block. The 'Source' block is highlighted, and a 'Fields Configuration' panel is open on the right.

The 'Fields Configuration' panel shows a mapping between 'Source (Fields)' and 'Target (Fields)'. The 'Source' is 'Fractal API' and the 'Target' is 'WhatsApp'. The mapping is as follows:

Source (Fields)	Target (Fields)
☒ code	→ 1
☒ id_type_item, ...	→ 2
☒ field_1	→ 3
☐ All -> Object	→ 4
☐ All -> Object	→ 5
☐ All -> Object	→ 6

18. Once the names have been submitted, click on "Save".

The screenshot shows the 'Fields Configuration' window in Fractal Hub. On the left, a sidebar contains 'Enabled' (checked), 'Information' (with a message 'You have pending changes to save!'), 'Flow', 'Execution history', and 'Event queue'. The main area displays a flow diagram with a 'Trigger' and a 'Source' block. The 'Source' block is expanded, showing a list of fields. The 'Fields Configuration' table on the right lists the fields and their mappings:

Source (Fields)	Target (Fields)
☒ code	→ 1
☒ id_type_item, ...	→ 2
☒ field_1	→ 3
☐ All -> Object	→ 4
☐ All -> Object	→ 5
☐ All -> Object	→ 6

19. Finally, enable the created ETL, save the changes and run

The screenshot shows the 'Flow settings' window in Fractal Hub. The 'Enabled' toggle is checked. The flow diagram shows a 'Source' block (Trigger and Source) connected to a 'Filter' block (Select One), which is then connected to a 'Target' block (Connection and Settings). The 'Execute' button is highlighted in the top right corner.