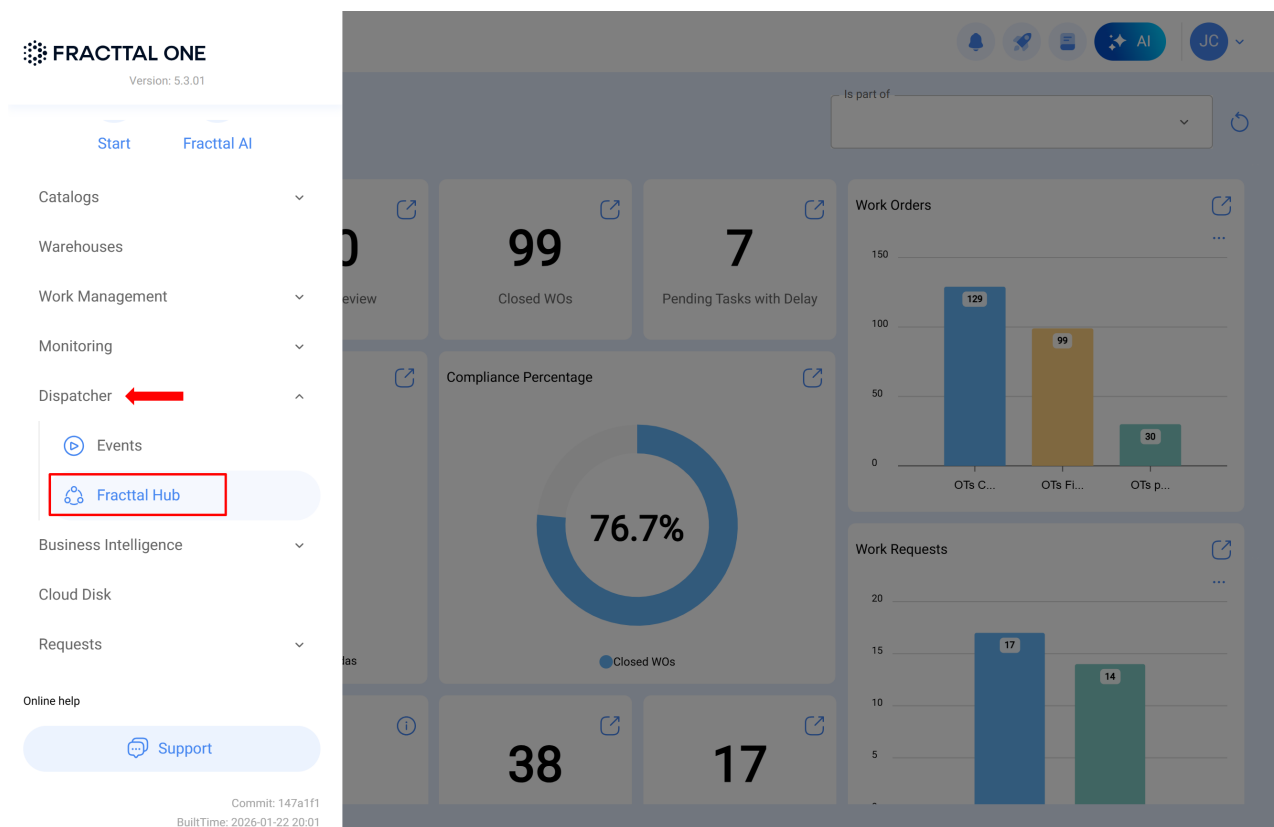


# Configuração de ETL no módulo Fractal Hub

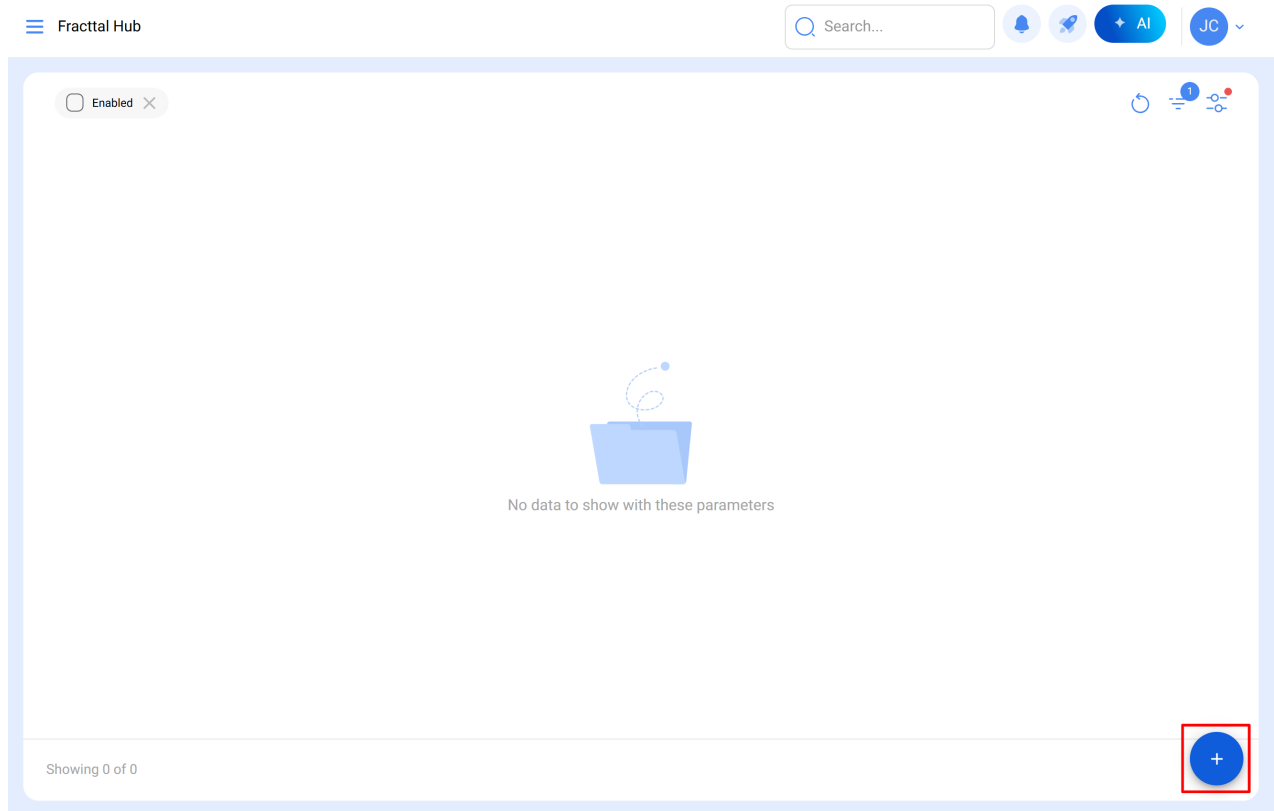
 [help.fractal.com/hc/pt-br/articles/26151847026061-Configuração-de-ETL-no-módulo-Fractal-Hub](https://help.fractal.com/hc/pt-br/articles/26151847026061-Configuração-de-ETL-no-módulo-Fractal-Hub)



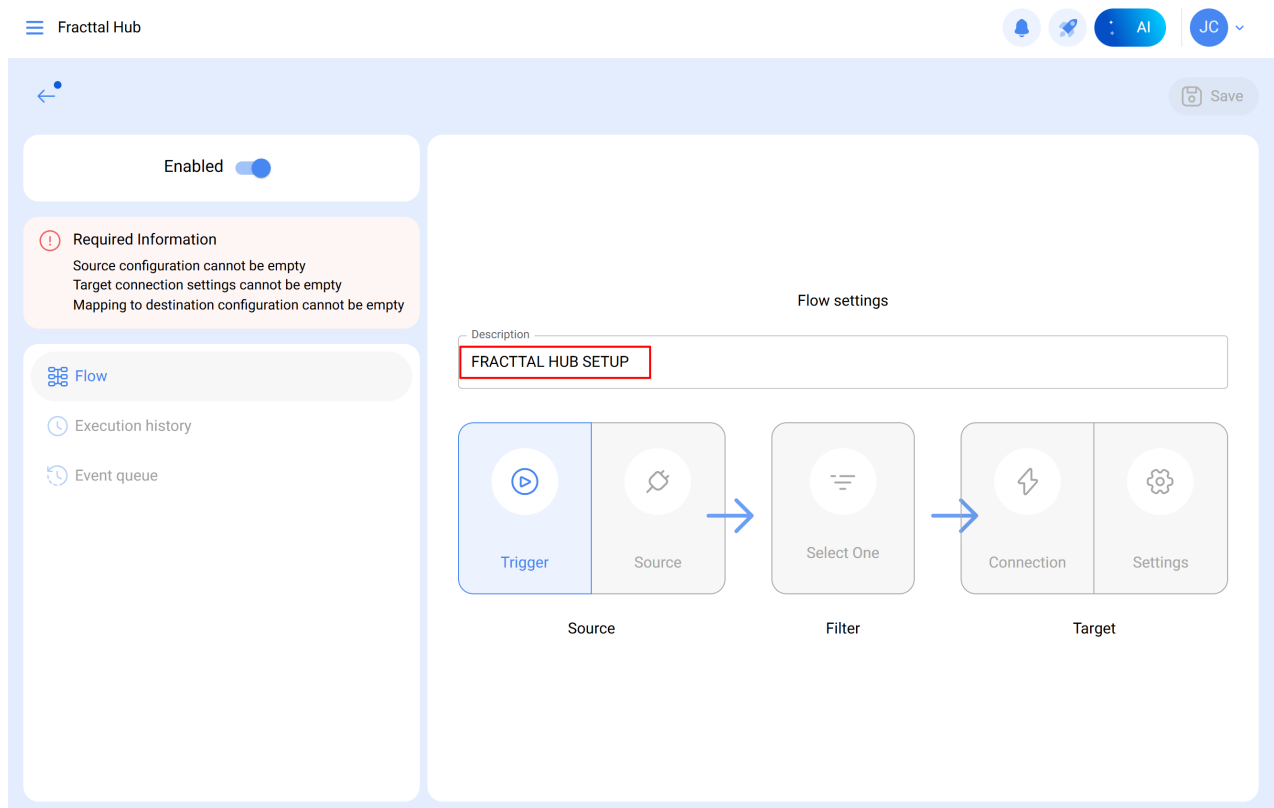
1. Na plataforma Fractal One, acesse o módulo Automatizador e selecione Fractal Hub no menu principal.



2. Clique na opção **Adicionar (+)** no canto inferior direito.



3. Dê um nome à sua configuração de fluxo.



#### 4. Seleccione "Ativador".

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

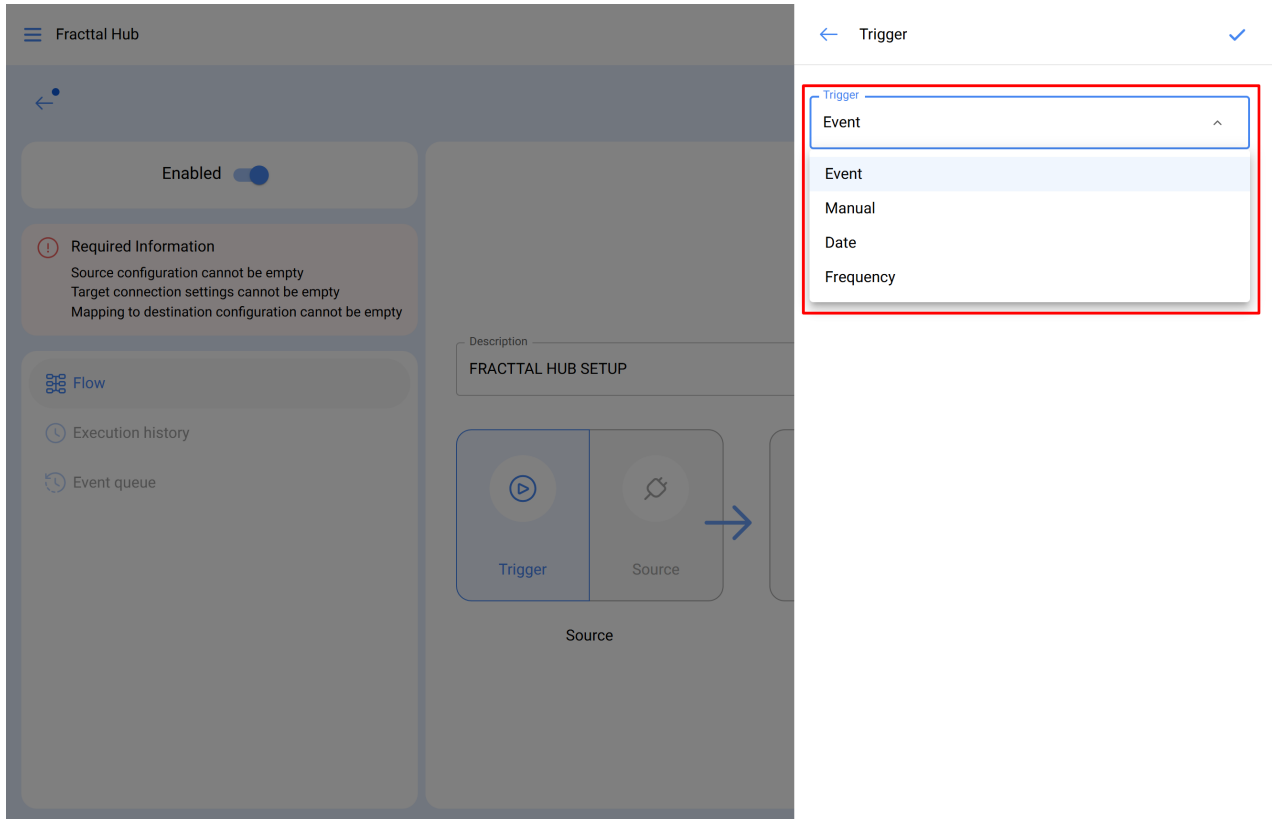
Settings

Source

Filter

Target

## 5. Escolha o tipo de ativador:



- **Evento:** É ativado sempre que ocorre um evento registrado no acionador.
- **Manual:** Acionado somente por um clique manual.
- **Data:** Acionado em uma data específica.
- **Frequência:** Acionado em intervalos de tempo programados.

## 6. Selecione o automatizador, que pode ser um já pré-configurado ou criado do zero.

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 HB SETUP

Trigger

Source

Source

Trigger

Event

Dispatcher

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 HB SETUP

Trigger

Source

Source

Trigger

Event

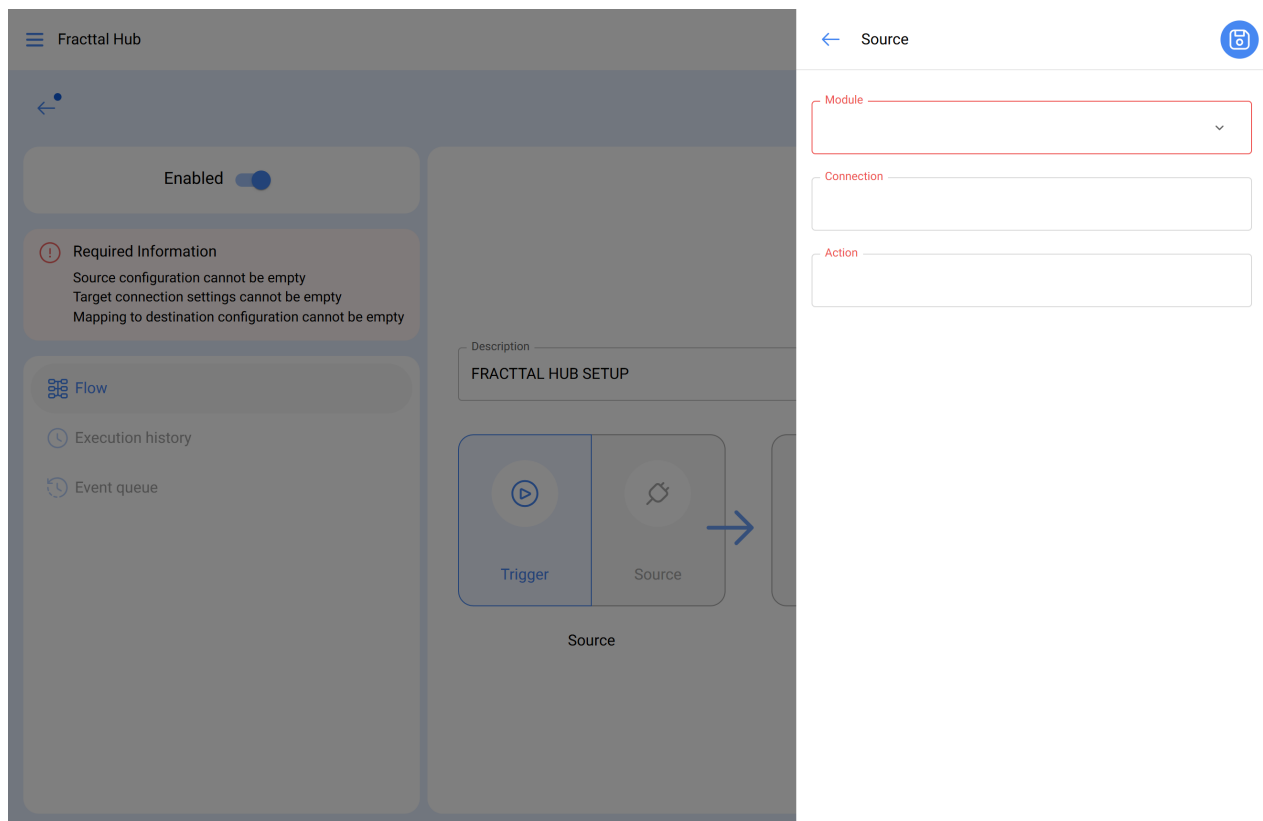
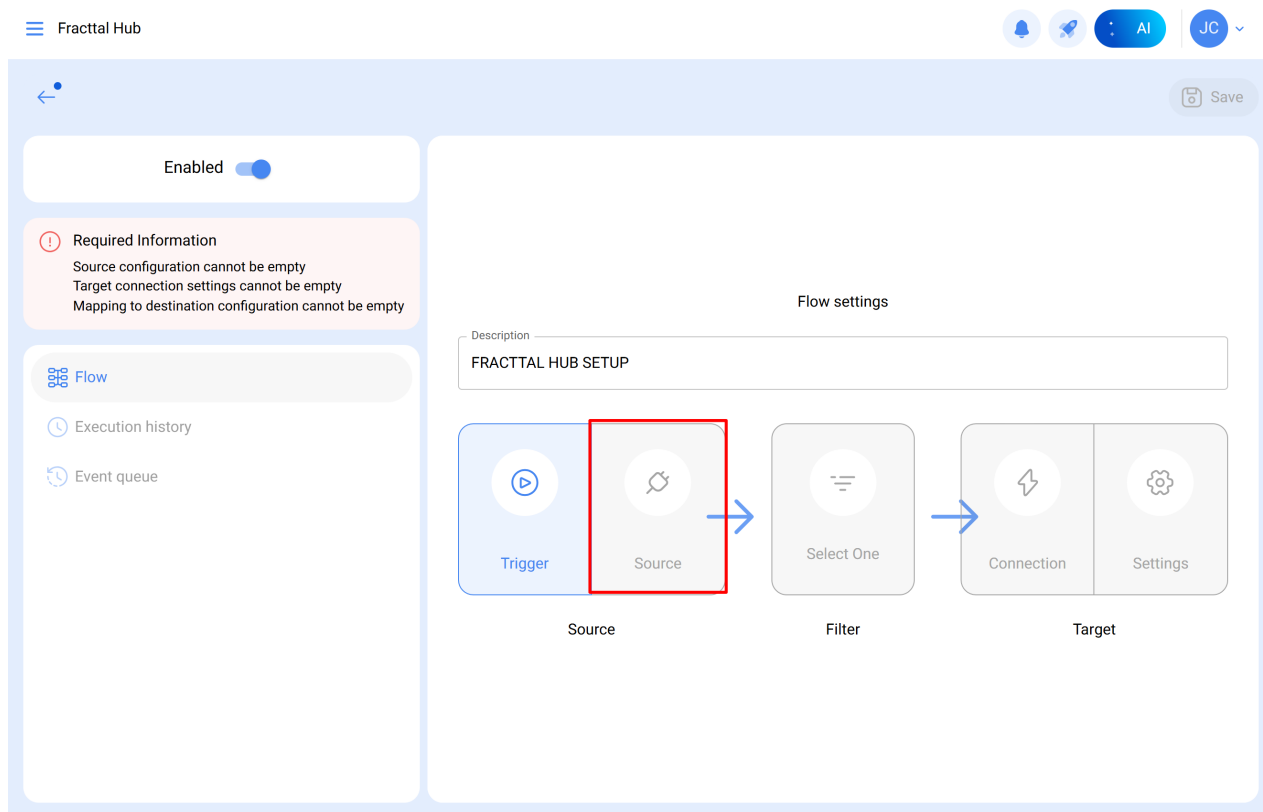
Dispatcher

meter without update

7. Depois que o ativador tiver sido selecionado, clique em **Salvar**.

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'. Under 'Flow', there are two items: 'Execution history' and 'Event queue'. The main panel on the right is titled 'Trigger' and shows a configuration for 'Event' with a 'meter without update' dispatcher. A red arrow points to a checkmark icon in the top right corner, indicating the 'Save' button.

8. Selecione "**Fonte**" e especifique o módulo, a conexão e a ação: Em nosso exemplo, trabalharemos com o Google Sheet.



- **Módulo:** Selecione o tipo de comunicação desejado (previamente configurado no módulo de configuração), como API da Fractal, banco de dados, e-mail, solicitação HTTP ou Google Sheets.
- **Connection (Conexão):** Escolha as configurações de comunicação previamente estabelecidas (isso é feito anteriormente no módulo de configuração).
- **Action (Ação):** Defina a ação que você deseja que a comunicação execute; nesse caso, é "ler".

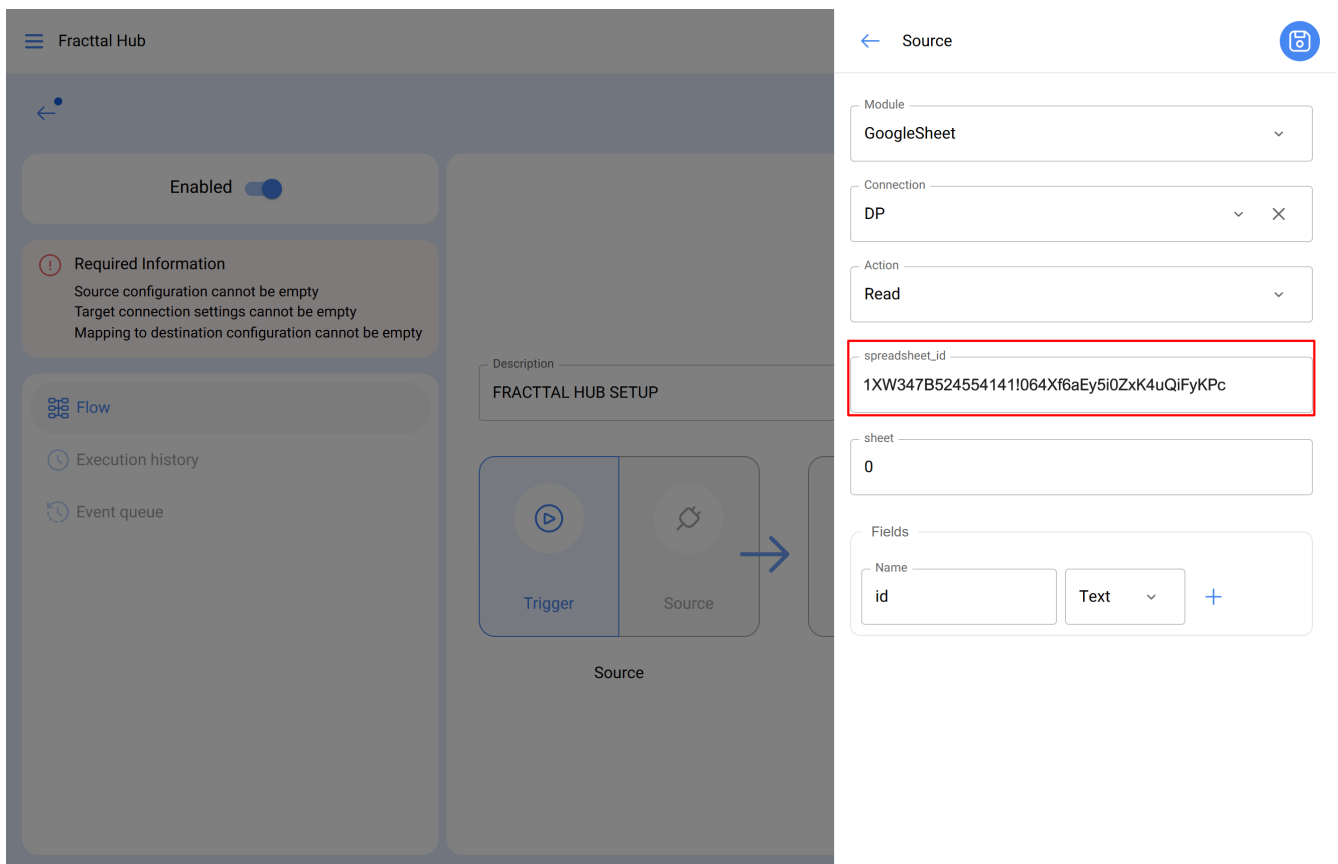
The screenshot displays the 'Fractal Hub' interface. On the left, a sidebar contains a menu with 'Flow', 'Execution history', and 'Event queue'. The main area shows a 'Flow' diagram with a 'Trigger' block and a 'Source' block. The 'Source' block is selected, and its configuration panel is open on the right. The panel is titled 'Source' and includes a back arrow and a save icon. The configuration fields are as follows:

- Module:** A dropdown menu with 'GoogleSheet' selected.
- Connection:** A dropdown menu with 'DP' selected, and a close button (X).
- Action:** A dropdown menu with 'Read' selected.
- spreadsheet\_id:** A text input field containing '1as291X-ga41s3332Ey0iZkl57tUqS0wx'.
- sheet:** A text input field containing '0'.
- Fields:** A section with a 'Name' dropdown set to 'id', a 'Text' dropdown, and a plus sign (+) to add more fields.

At the top of the main area, there is an 'Enabled' toggle switch that 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'. The 'Description' field for the 'Source' block is labeled 'FRACTAL HUB SETUP'.

9. Quando essas opções forem concluídas e depois de selecionar o Google Sheet, os seguintes campos estarão habilitados para serem preenchidos

**spreadsheet\_id:** Digite o snippet do link do Google Sheets com o qual está trabalhando.



- **Sheet:** Esse campo indica em qual folha a informação está localizada. É importante lembrar que a ordem de numeração das folhas começa em zero. Portanto, se a folha for a primeira, o número zero deverá ser inserido nesse espaço, pois zero indica que é a primeira folha.

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 configuration page for a 'Source' module. At the top, there is an 'Enabled' toggle switch. 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'. The central workspace shows a 'Trigger' module connected to a 'Source' module. The 'Source' module is configured with the following settings:

- Module:** GoogleSheet
- Connection:** DP
- Action:** Read
- spreadsheet\_id:** 1XW347B524554141!064Xf6aEy5i0ZxK4uQIFyKPc
- sheet:** 0 (highlighted with a red circle and arrow)
- Fields:** A table with one field named 'id' of type 'Text'.

- **Campos:** Aqui você deve adicionar os nomes das diferentes colunas que tem no arquivo do Google Sheets.

The screenshot displays the Fractal Hub interface. On the left, a sidebar contains a menu icon, a back arrow, and a list of items: 'Flow', 'Execution history', and 'Event queue'. The main workspace shows a 'Trigger' block and a 'Source' block. The 'Source' block is expanded, showing a configuration panel on the right. This panel is titled 'Source' and contains the following fields:

- Module:** GoogleSheet
- Connection:** DP
- Action:** Read
- spreadsheet\_id:** 1as291X-ga41s3332Ey0iZki57tUqS0wx
- sheet:** 0
- Fields:** A table with four rows, each representing a field to be mapped from the Google Sheet to the Fractal Hub. The fields are: 'id' (Number), 'CODE' (Text), 'NAME' (Text), and 'TYPE' (Number). Each row has a 'Name' input field, a type dropdown, and a trash icon. A plus sign is at the bottom right of the Fields section.

**Nota:** na imagem acima, adicionamos esses campos específicos, pois eles correspondem às diferentes colunas encontradas em nosso arquivo do Google Sheets.

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

10. Clique em "Salvar".

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

← Source

Module  
 GoogleSheet

Connection  
 DP

Action  
 Read

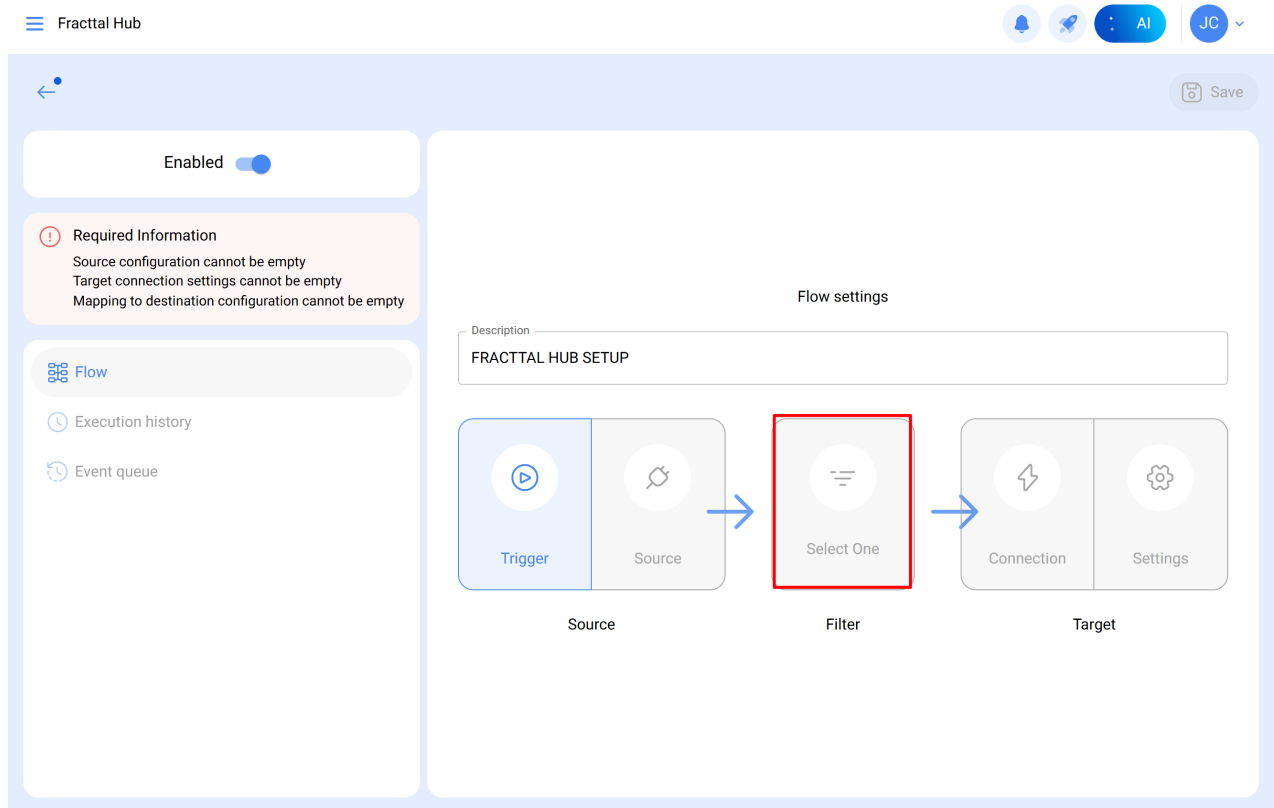
spreadsheet\_id  
 1as291X-ga41s3332Ey0iZki57tUqS0wx

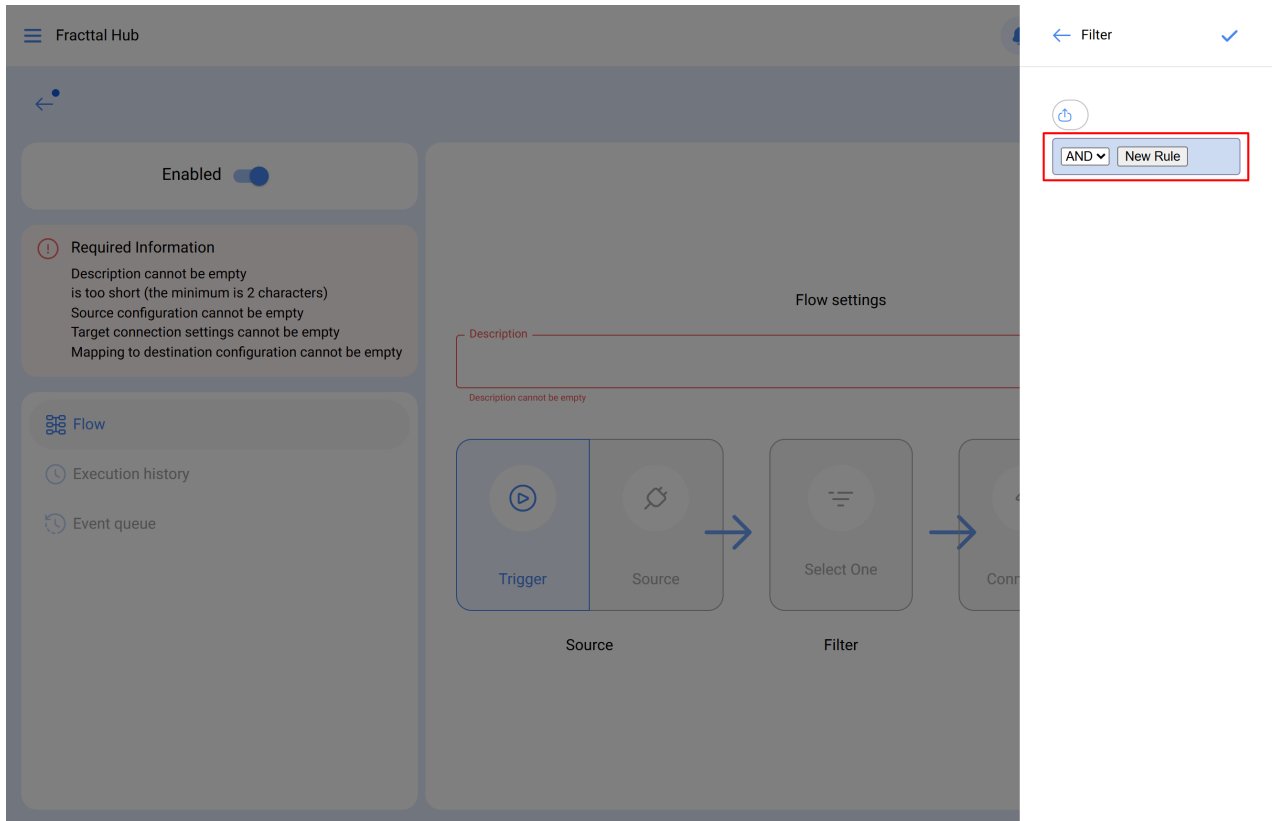
sheet  
 0

Fields

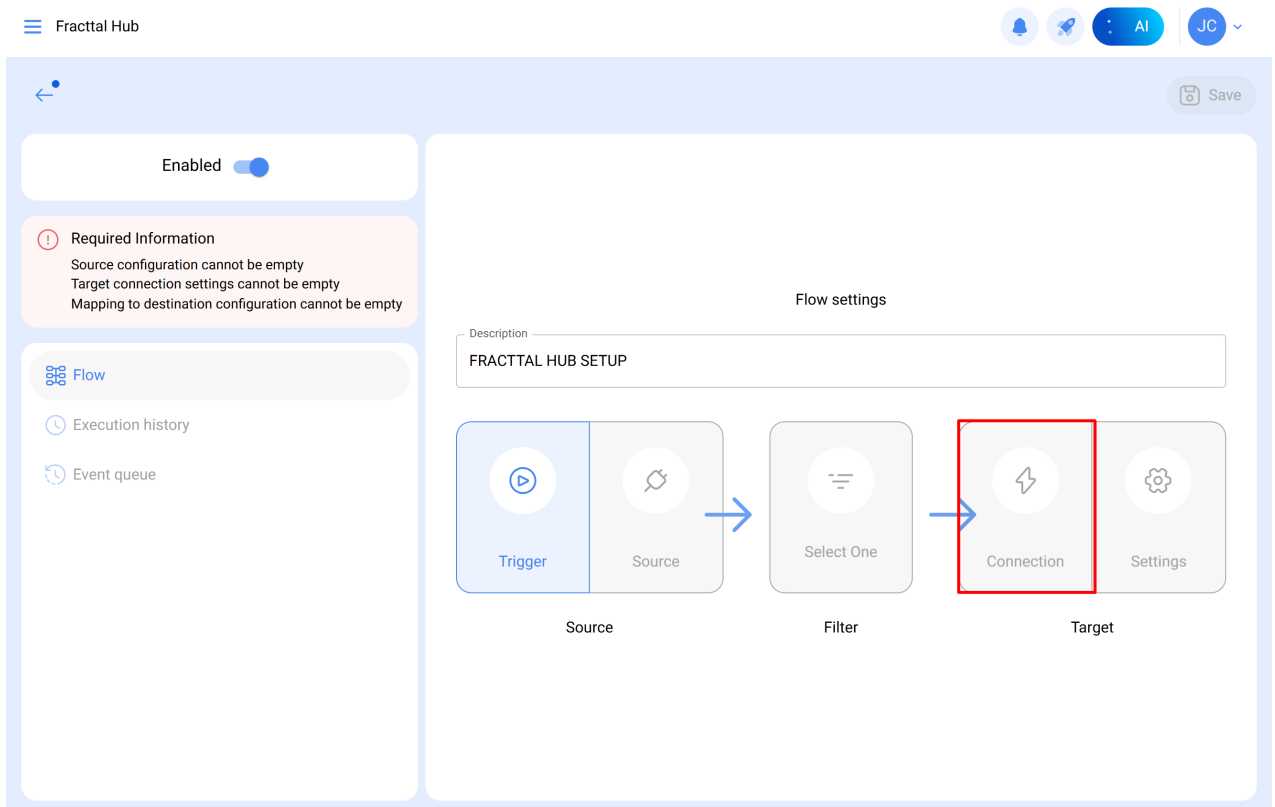
|              |       |      |
|--------------|-------|------|
| Name<br>id   | Numbe | 🗑️   |
| Name<br>CODE | Text  | 🗑️   |
| Name<br>NAME | Text  | 🗑️   |
| Name<br>TYPE | Numbe | 🗑️ + |

11. Caso deseje uma extração mais precisa das informações, selecione "Filter" (Filtro) para definir condições (regras) que determinem quais dados devem ser extraídos. Se considerar que essa etapa não é necessária, você pode ignorá-la e prosseguir para a próxima.

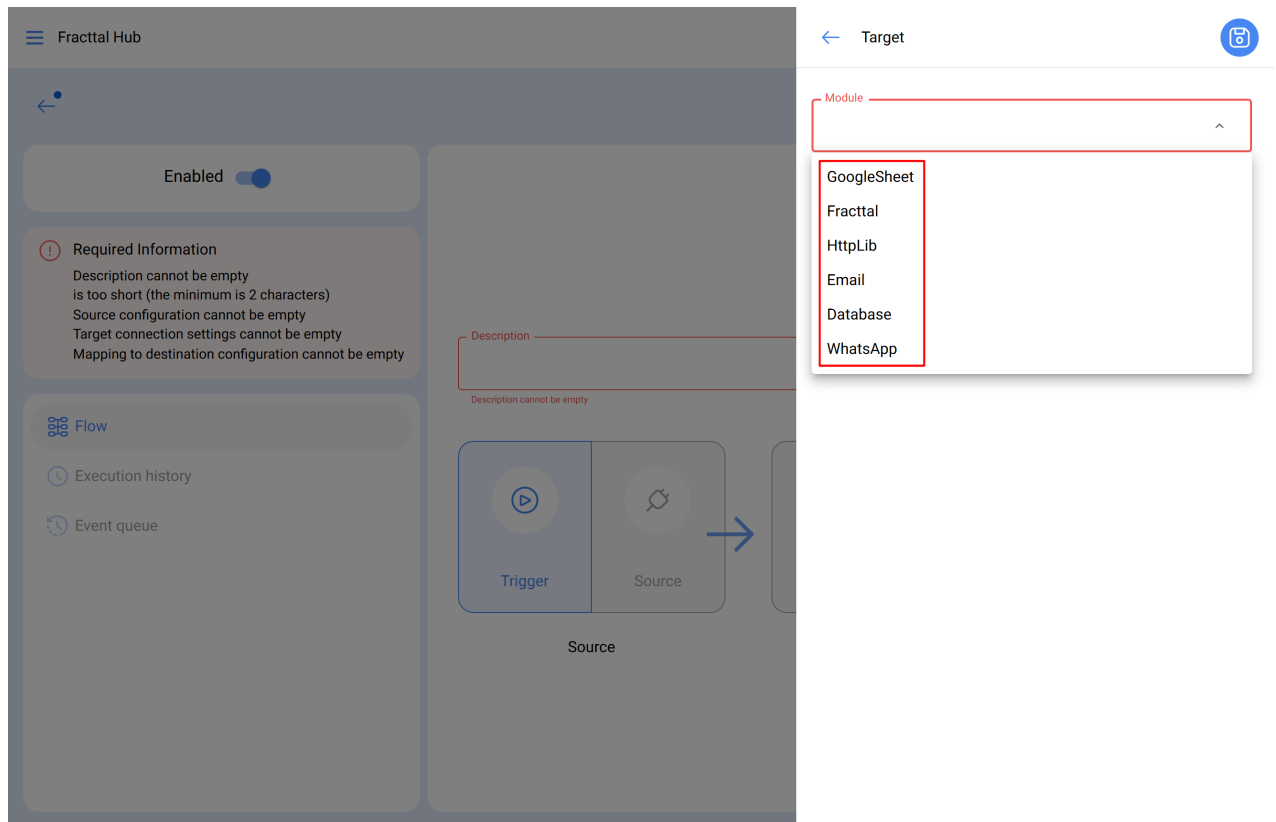




12. Acesse a seção **Conexão**. Aqui, você indicará para onde os dados processados serão enviados.



13. **Módulo:** Escolha o sistema de destino.



14. **Conexão:** Selecione a conexão (consumidor OAuth) que você criou previamente.

15. **Ação:** Especifique a operação que o Fractal Hub realizará no sistema de destino.

The screenshot shows the Fractal Hub configuration interface. On the left, there is a sidebar with a menu containing 'Flow', 'Execution history', and 'Event queue'. The main area is divided into two sections. The top section has an 'Enabled' toggle switch and a 'Required Information' box with the following text: 'Description cannot be empty', 'is too short (the minimum is 2 characters)', 'Source configuration cannot be empty', 'Target connection settings cannot be empty', and 'Mapping to destination configuration cannot be empty'. Below this is a 'Flow' section with a 'Trigger' button and a 'Source' button. The bottom section is labeled 'Source' and contains a 'Description' field with a red border and the text 'Description cannot be empty'. On the right, the 'Target' settings panel is open, showing a 'Module' dropdown set to 'Fractal', a 'Connection' dropdown set to 'WHATSAPP', and an 'Action' dropdown set to 'Update or create an asset'. The 'Action' dropdown is highlighted with a red border.

16. Clique em salvar.

The screenshot shows the Fractal Hub configuration interface, similar to the previous one. The 'Target' settings panel is open, showing the 'Module' dropdown set to 'Fractal', the 'Connection' dropdown set to 'WHATSAPP RAMON', and the 'Action' dropdown set to 'Update or create an asset'. The 'Save' button, represented by a blue icon with a document and a checkmark, is highlighted with a red border in the top right corner of the 'Target' panel.

## 17. Clique em configuração.

The screenshot displays the Fractal Hub configuration interface. At the top, the header includes the Fractal Hub logo, a user profile (JC), and a 'Save' button. The main content area is divided into a left sidebar and a central workspace.

**Left Sidebar:**

- Enabled:** A toggle switch is currently turned on.
- Required Information:** A red warning icon is followed by the text: "Source configuration cannot be empty", "Target connection settings cannot be empty", and "Mapping to destination configuration cannot be empty".
- Flow:** A section with a blue icon and the word "Flow".
- Execution history:** A section with a clock icon.
- Event queue:** A section with a clock icon.

**Central Workspace:**

The workspace is titled "Flow settings" and contains a description box labeled "FRACTAL HUB SETUP". Below this, a flow diagram is shown with four steps: "Trigger", "Source", "Filter", and "Target". The "Settings" step is highlighted with a red border. The "Settings" step is located under the "Target" category.

**Flow Diagram:**

```
graph LR; Trigger[Trigger] --> Source[Source]; Source --> Filter[Filter]; Filter --> Connection[Connection]; Connection --> Settings[Settings];
```

The "Settings" step is highlighted with a red border, indicating it is the current configuration point.

18. Nesta interface, você deverá realizar o mapeamento de campos. Isso implica relacionar os nomes dos campos da sua Fonte (coluna esquerda) com os nomes dos campos correspondentes no sistema de Destino (coluna direita).

Para referências dos nomes de campos da Fractal API, consulte a documentação oficial: Fractal API: [Fractal API](#)

The screenshot displays the 'Fields Configuration' window in the Fractal Hub. The window is divided into two main sections: 'Source (Fields)' and 'Target (Fields)'. The 'Source' section lists three fields: 'code', 'id\_type\_item, ...', and 'field\_1', each with a checkbox and a gear icon. The 'Target' section lists six fields: '1', '2', '3', '4', '5', and '6', each with a checkbox and a gear icon. The fields are mapped as follows: 'code' to '1', 'id\_type\_item, ...' to '2', and 'field\_1' to '3'. The remaining target fields (4, 5, 6) are currently set to 'All -> Object'.

| Source (Fields)                                       | Target (Fields)                       |
|-------------------------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> code              | <input checked="" type="checkbox"/> 1 |
| <input checked="" type="checkbox"/> id_type_item, ... | <input checked="" type="checkbox"/> 2 |
| <input checked="" type="checkbox"/> field_1           | <input checked="" type="checkbox"/> 3 |
| <input type="checkbox"/> All -> Object                | <input type="checkbox"/> 4            |
| <input type="checkbox"/> All -> Object                | <input type="checkbox"/> 5            |
| <input type="checkbox"/> All -> Object                | <input type="checkbox"/> 6            |

19. Depois que os nomes forem enviados, clique em **"Salvar"**.

Fractal Hub

Enabled ☒

Information  
You have pending changes to save!

Flow

Execution history

Event queue

Description  
FRACTTAL HB STUP

Trigger Source

Source

Fields Configuration

Source: Fractal API → Target: WhatsApp

| Source (Fields)                                       | Target (Fields) |
|-------------------------------------------------------|-----------------|
| <input checked="" type="checkbox"/> code              | → 1             |
| <input checked="" type="checkbox"/> id_type_item, ... | → 2             |
| <input checked="" type="checkbox"/> field_1           | → 3             |
| <input type="checkbox"/> All -> Object                | → 4             |
| <input type="checkbox"/> All -> Object                | → 5             |
| <input type="checkbox"/> All -> Object                | → 6             |

20. Por fim, ative o ETL criado, salve as alterações e execute.

Fractal Hub

Enabled ☒

Flow

Execution history

Event queue

Description  
FRACTTAL HUB SETUP

Flow settings

Trigger Source

Source

Select One

Filter

Connection Settings

Target

Save Execute