

## **TUTORIAL – HOW TO PUBLISH DATASETS AS OFFERINGS IN THE FIWARE STORE**

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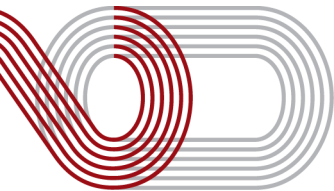
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## 1. PUBLISH A DATASET IN THE FIWARE STORE PORTAL FROM THE FIWARE DATA PORTAL

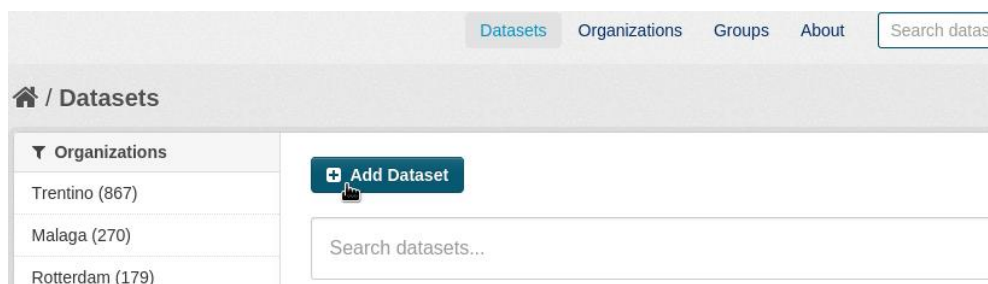
Assuming that the user is logged in, the process of publishing a dataset is described next.

1. After selecting the FIWARE Data portal, select the Datasets tab (Figure 1 Datasets tab in the Data PortalFigure 1).



*Figure 1 Datasets tab in the Data Portal*

2. Click the blue Add Dataset button above the search datasets search field (Figure 2).



*Figure 2 Add Dataset button*

3. In the new window (Figure 3), give the dataset a title, a description, some tags, and provide the license and privacy options.



Home / Datasets / asdasd / Edit

**What are datasets?**

A CKAN Dataset is a collection of data resources (such as files), together with a description and other information, at a fixed URL. Datasets are what users see when searching for data.

**1 Create dataset** **2 Add data** **3 Additional info**

**Title:**

\* URL:  [Edit](#)

**Description:**

You can use [Markdown formatting here](#)

**Tags:**

**License:**  [i License definitions and additional information can be found at \[opendefinition.org\]\(http://opendefinition.org\)](#)

**Visibility:**  [i Private datasets can only be accessed by certain users, while public datasets can be accessed by anyone.](#)

**Searchable:**  [i Searchable datasets can be searched by anyone, while not-searchable datasets can only be accessed by entering directly its URL.](#)

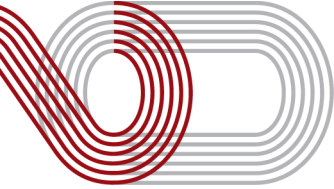
**Allowed Users:**

**State:**

Important: By submitting content, you agree to release your contributions under the Open Database License. \* Required field [Next: Add Data](#)

Figure 3 Dataset Information

4. If you want to allow other users to access the dataset, fill in their usernames and click the Next: Add Data button at the bottom of the page.
5. In the next window (Figure 4), select either the option to upload the data from your computer or the option to provide a link to the data.



Home / Datasets / Create Dataset

**What's a resource?**  
A resource can be any file or link to a file containing useful data.

1 Create dataset 2 Add data 3 Additional info

File:

Name:

Description:   
You can use [Markdown formatting](#) here

Format:

*Figure 4 Data File Information*

6. Give the data file a name and a description and select the format in which the data is stored (CSV, XML, JSON, etc).
7. You can continue adding new data to the dataset by clicking the Save & add another button or you can click the Next: Additional Info button to proceed.
8. In the new window (Figure 5), fill in the additional information and add some custom fields to the data if necessary.



Home / Datasets / Create Dataset

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1 Create dataset

2 Add data

3 Additional info

**Source:**

**Version:**

**Author:**

**Author Email:**

**Maintainer:**

**Maintainer Email:**

**Custom Field:**

**Custom Field:**

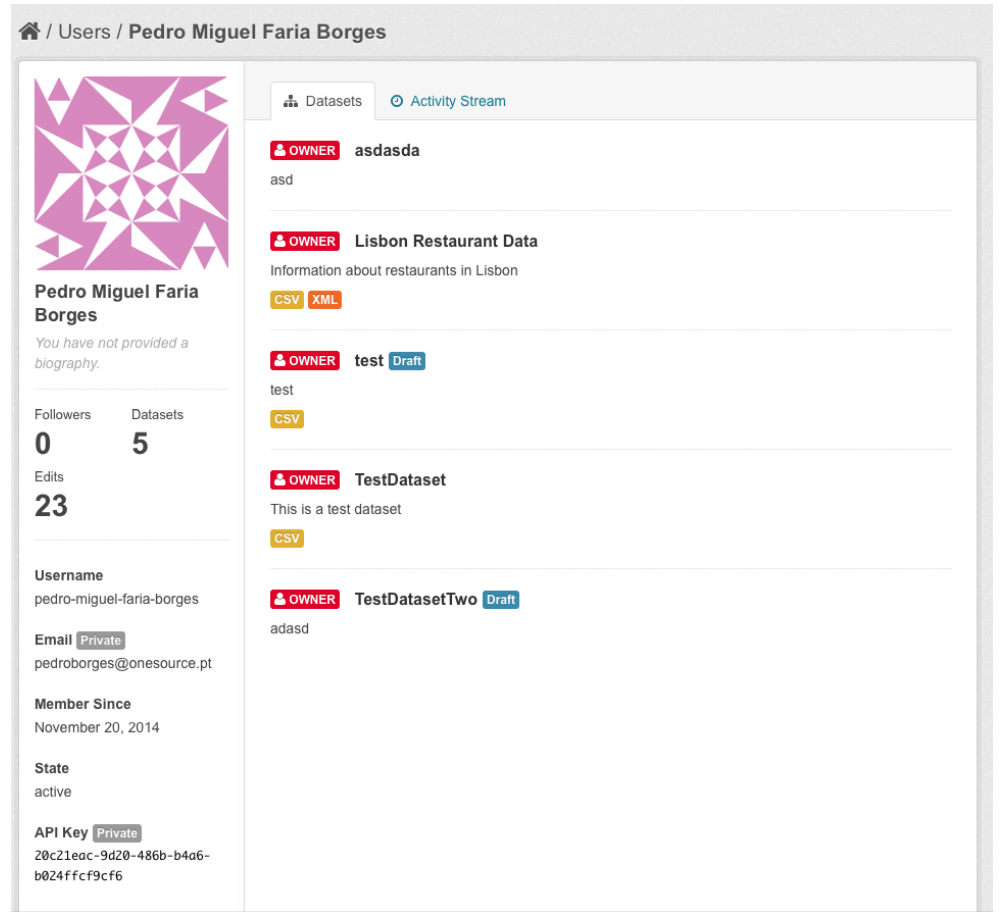
**Custom Field:**

Previous

Finish

Figure 5 Additional Information

9. Click the Finish button to add the dataset to the data repository.
10. Next go to the datasets view in your account by clicking the account name in the upper right corner.



11. Select the dataset you wish to publish by clicking on it. (Figure 6)



The screenshot shows the 'Lisbon Restaurant Data' dataset page. On the left, there's a sidebar with 'Lisbon Restaurant Data', 'Followers' (0), a 'Follow' button, 'Social' links (Google+, Twitter, Facebook), and 'License' (License Not Specified). The main area has tabs for 'Dataset', 'Groups', 'Activity Stream', and 'Related', with a 'Manage' button. The dataset is marked as 'PRIVATE'. It includes a description, 'Data and Resources' section with 'Lisbon Restaurant Data' (CSV) and 'Unnamed resource' (XML), and an 'Additional Info' table.

Field	Value
State	active

Figure 7 Dataset details view

- Click the Manage button with the wrench icon. (Figure 7)

The screenshot shows the 'Lisbon Restaurant Data' dataset management page. The sidebar is identical to Figure 7. The main area has tabs for 'Edit metadata', 'Resources', and 'Publish', with a 'View dataset' button. The 'Title' field contains 'Lisbon Restaurant Data' and the 'URL' field contains 'data.lab.fi-ware.org/dataset/lisbon-restaurant-data'. The 'Description' field contains 'Information about restaurants in Lisbon'.

Figure 8 Dataset management view

- Select the Publish tab. (Figure 8)



Home / Datasets / Lisbon Restaurant Data / Edit

### Lisbon Restaurant Data

Followers  
**0**

**Publish Dataset in the FIWARE Store**

FIWARE Store is the main FIWARE showcase and is the best way to sell/advertise your dataset. This form ease you the task of creating an offering in the FIWARE Store. Just fill the following fields. Some fields are filled automatically based on the dataset but you can change their content.

By publishing the dataset in the FIWARE Store, you will control the user that can access the dataset. Every time a user acquire the dataset, the list of allowed users will be updated automatically.

[Edit metadata](#) [Resources](#) [Publish](#) [View dataset](#)

**\* Name:** Lisbon Restaurant Data

**Description:** Information about restaurants in Lisbon

**Tags:** Lisbon Restaurants

**\* Version:** eg. 1.0, 2.3.4

**License:** eg. Creative Commons Attribution

**License Description:** License description. You can find license definitions at [opendefinition.org](http://opendefinition.org)

**Image:** [Upload](#) Attach an image to the offering. If you do not upload an image, a default one will be used.

**Price:** eg. 0, 28.99, 3.50, 9.00 Price in Euros. Leave it in blank to create a free offering.

**Publish Offering**

Figure 9 Dataset publishing details

14. Fill in the publishing details and click the Publish Offering button. (Figure 9)



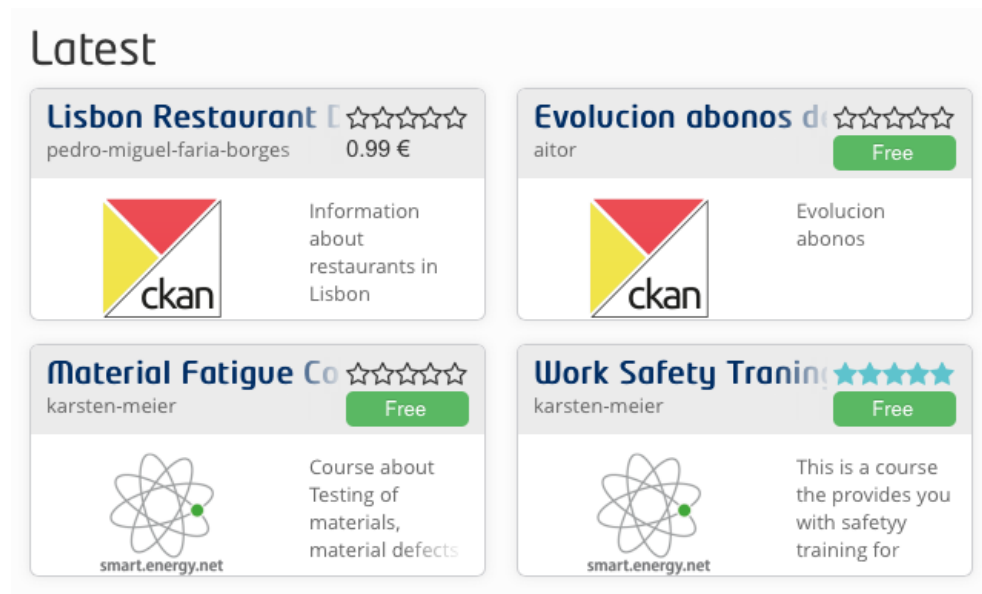


Figure 10 Published offerings in the FIWARE Store Portal

15. The dataset should now be published in the store as a new offering.  
(Figure 10)