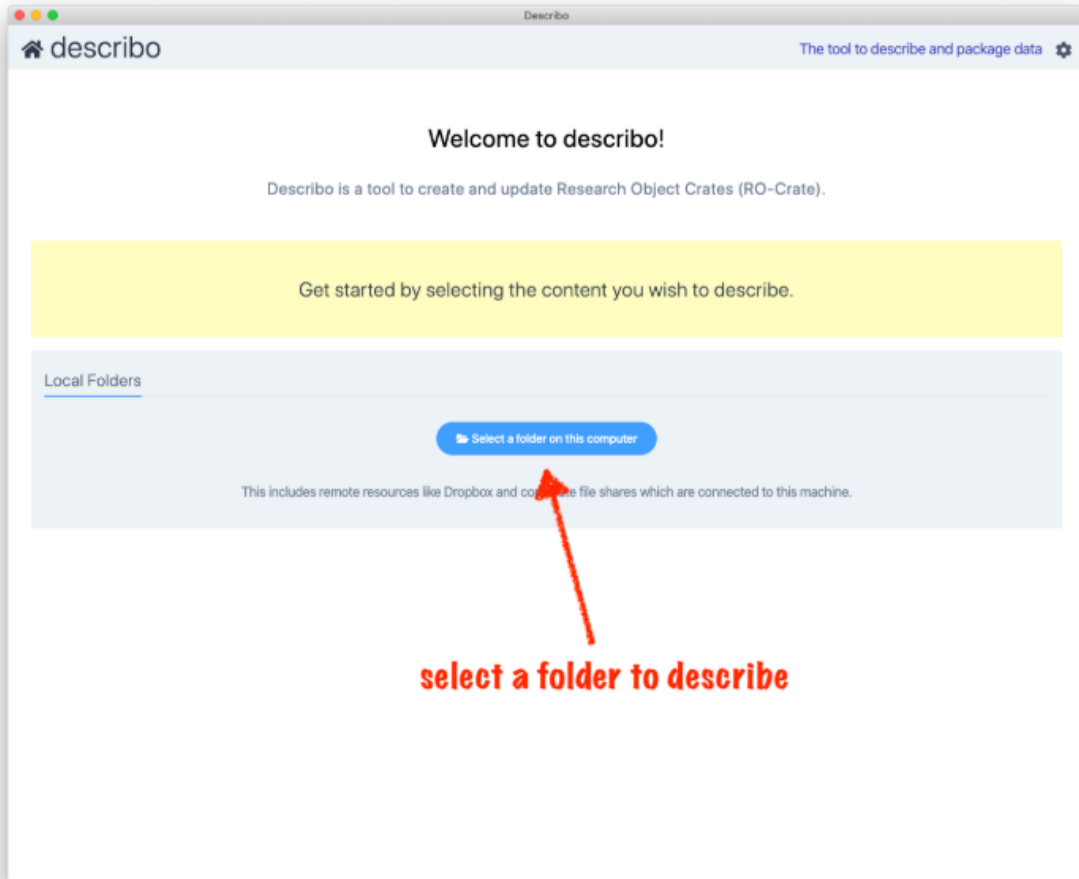


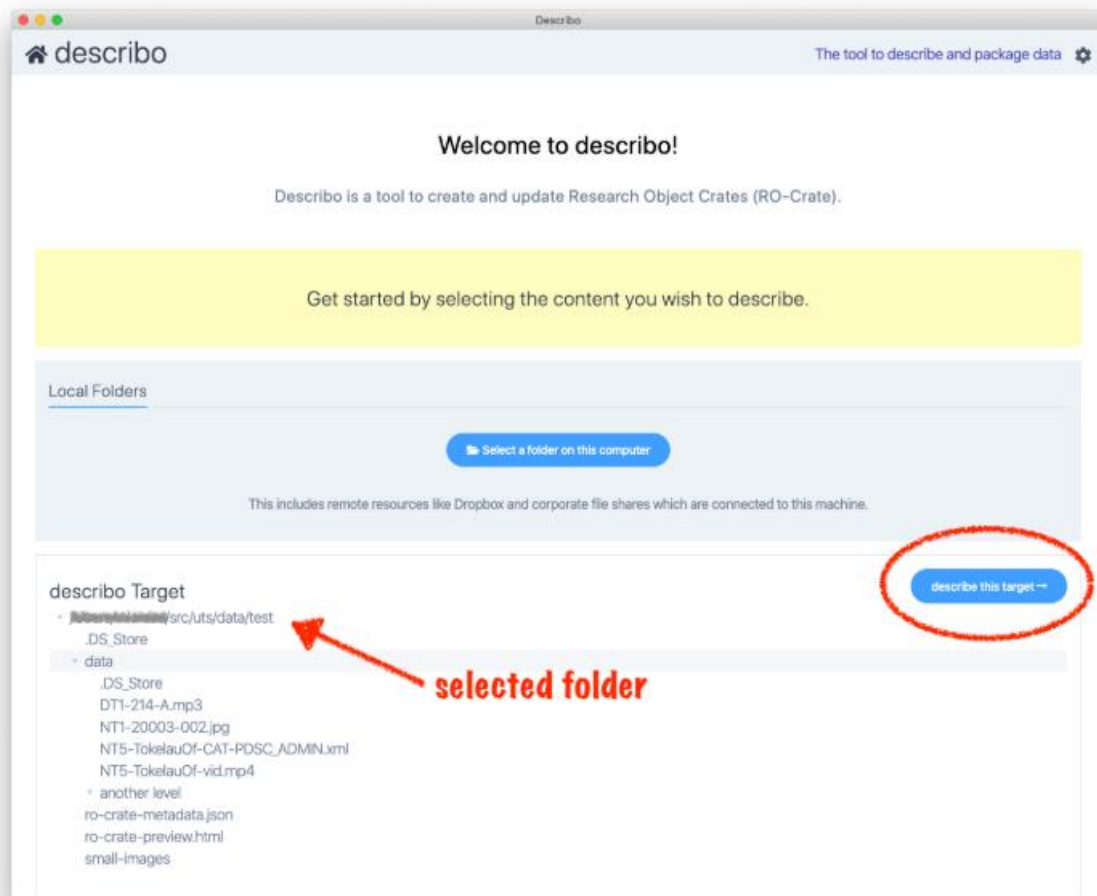


Welcome to Describo!

Describo is a tool to help you create Research Object Crates (RO-Crate).

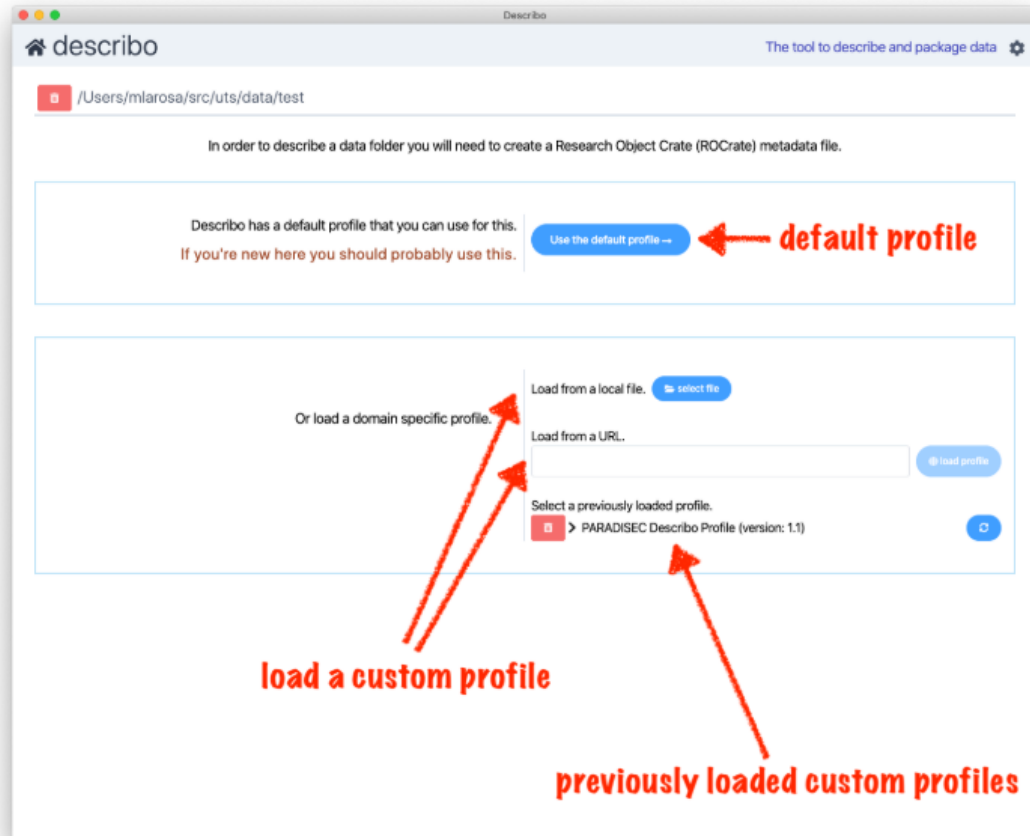


To get started with Describo, first select a folder of content to describe.



When you've selected a folder you can browse the content to make sure it's what you're expecting.

Then, when you're ready you can select 'describe this target'.

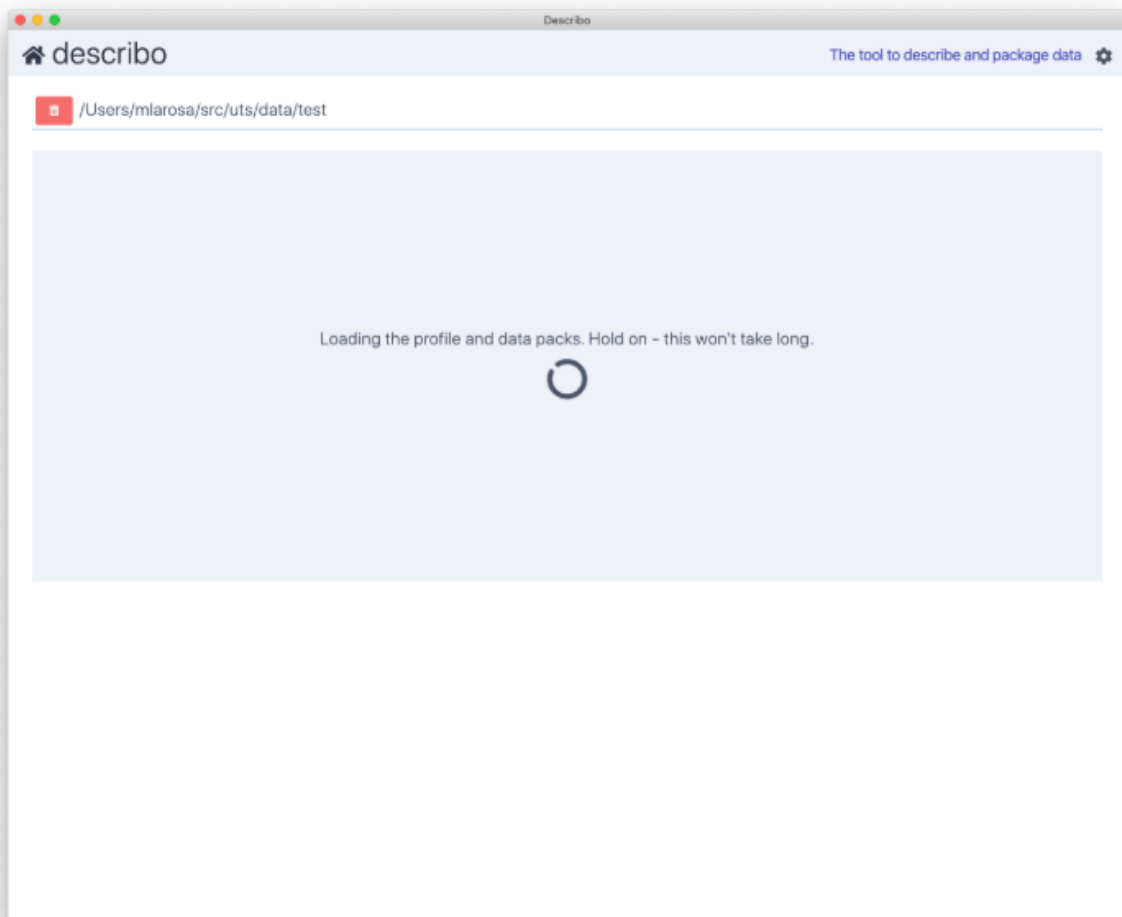


After selecting a folder to describe, you then select a profile to use. A profile is simply a set of instructions defining what you can describe.

Describo comes with a default profile. Use this if you're just getting started.

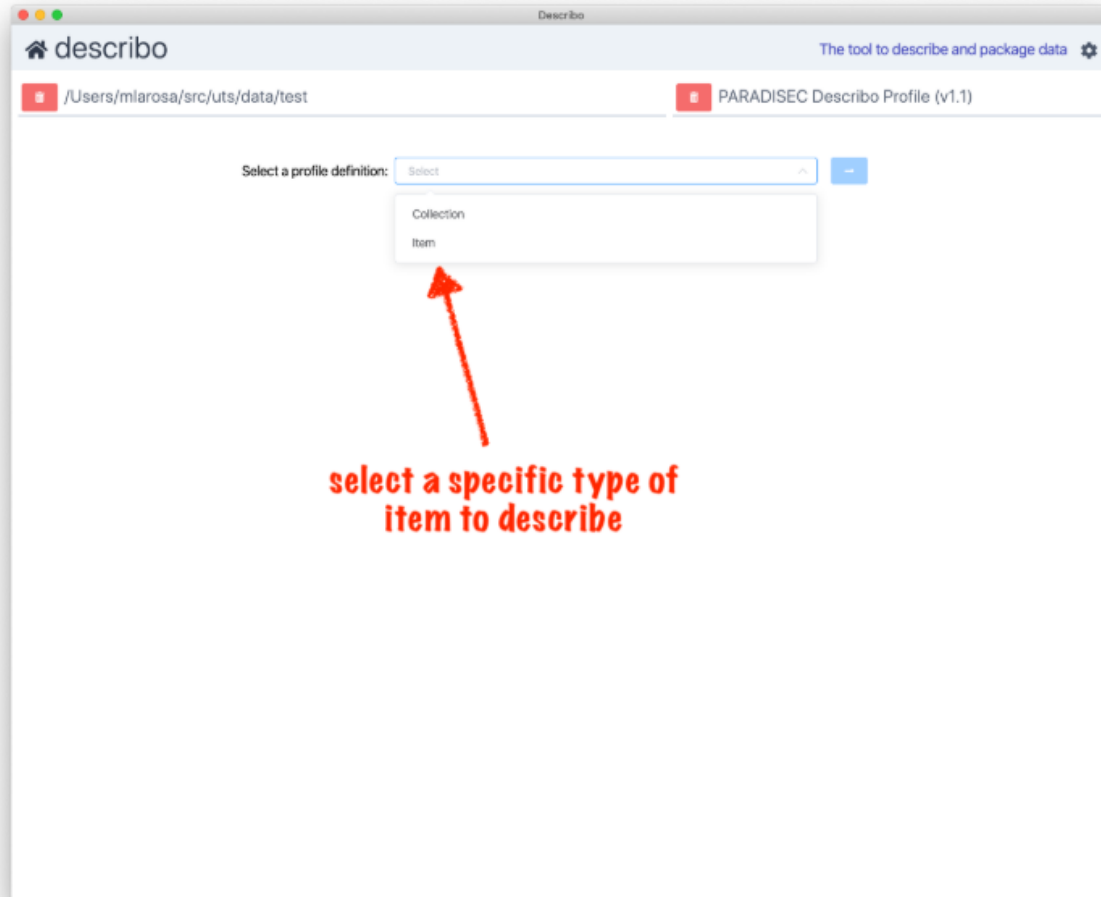
Alternately, you may have been pointed at a domain specific - or custom - profile. If so, load that in to get started.

Finally, you can also select any existing profiles you've loaded in. Or refresh them to get any updates that might exist!



Profiles can reference data packs. These are just predefined bits of configuration you can use in your crate.

If your profile references any just wait a few moments for them to load.



If your profile defines more than one type of item to describe you can select which one you want on this page.



The screenshot shows the Describo web application interface. At the top, there's a header with the 'describo' logo and the tagline 'The tool to describe and package data'. Below the header, a breadcrumb trail shows the current path: '/Users/mlarosa/src/uts/data/test'. A status bar indicates 'saving enabled' and provides buttons for '+ add item', 'inspect data', and 'export'. The main interface is divided into three sections: 'controls', 'types', and 'content area'. The 'controls' section is at the top right, containing fields for 'Name' (with value 'my crate') and 'Description' (with value 'something or other.'). Below these are sections for 'License', 'Date Published', 'Author', 'Publisher', and 'Contact Point', each with a 'This property is required.' message and buttons to add specific types. The 'types' section is on the left, showing a list of available types: 'Root Dataset', 'Crate Contents', 'Workflow', 'RepositoryCollection', and 'RepositoryObject'. The 'content area' is the central part of the interface, where the 'Root Dataset' is currently selected and displayed as the entry point to the configuration.

There are 3 main sections to the Describo User Interface: controls, types and content area.

The controls sections shows the folder being described and the profile in the first row with controls to add items, inspect the data and export the crate in the second row.

The types section is a list of the types of content that have been described in the crate.

The content area is where you start adding things to the crate. The content area shows you the Root Dataset in the crate. This is the entry point to the configuration.



The screenshot shows the Describo web application interface. The top bar includes the 'describo' logo, the tagline 'The tool to describe and package data', and a settings icon. Below this, the current path is '/Users/mlarosa/src/uts/data/test' and the selected profile is 'Describo Default Profile (v1)'. Action buttons for '+ add item', 'inspect data', 'saving enabled', and 'export' are visible.

The main form area is divided into sections for dataset metadata and properties. The 'Root Dataset' section includes fields for 'Name' (with value 'my crate') and 'Description' (with value 'something or other.'). Below this are 'License' and 'Date Published' fields.

The 'required content' section is highlighted with a red background and a red arrow pointing to it. It contains three properties, each marked with a red asterisk and the text 'This property is required.':

- Author**: This property is required. It has a blue link icon and two green buttons: '+ Person' and '+ Organization'.
- Publisher**: This property is required. It has a blue link icon and two green buttons: '+ Organization' and '+ Person'.
- Contact Point**: This property is required. It has a blue link icon and one green button: '+ ContactPoint'.

Below the required content section is a 'hasPart' section with a blue link icon and three green buttons: '+ Workflow', '+ RepositoryCollection', and '+ RepositoryObject'.

At the bottom of the form is a blue button labeled 'Show all available properties'.

Red handwritten annotations are present: 'required content' with an arrow pointing to the red-shaded section, and 'item types that you can add to this property' with two arrows pointing to the '+ Person' and '+ Organization' buttons for the 'Author' property.

When a profile defines a property as required you will see an asterisk next to the property name and the background will be red when there is no data attached.

To describe an item and it to a property, select which type you wish to add.

In this example the property accepts a Person or Organization instance but other properties might accept Text or Date data.



The screenshot shows the 'Edit: Person' form in the Describo application. The form has a title bar 'Edit: Person -' and a 'done' button. The main content area is divided into sections. The first section, 'Lookup data of type Person', is highlighted with a yellow background and contains a text input field. A red arrow points to this section with the text 'select an item you've already described from your internal data store'. The second section, '@id', contains a red-bordered field for 'name' with a red asterisk and the text 'This property is required.' A red arrow points to this field with the text 'or define the properties of the item'. Below this is a blue button labeled 'Show all available properties'. The third section, 'This item is connected to:', is currently empty. A red arrow points from the 'name' field to this section with the text 'in this example we are creating a person and in this field we would provide their name'. The right sidebar shows a 'describe and package data' panel with a 'done' button and a list of available properties including 'CreativeWork', 'Date', 'Organization', 'Person', 'ContactPoint', and 'RepositoryObject'.

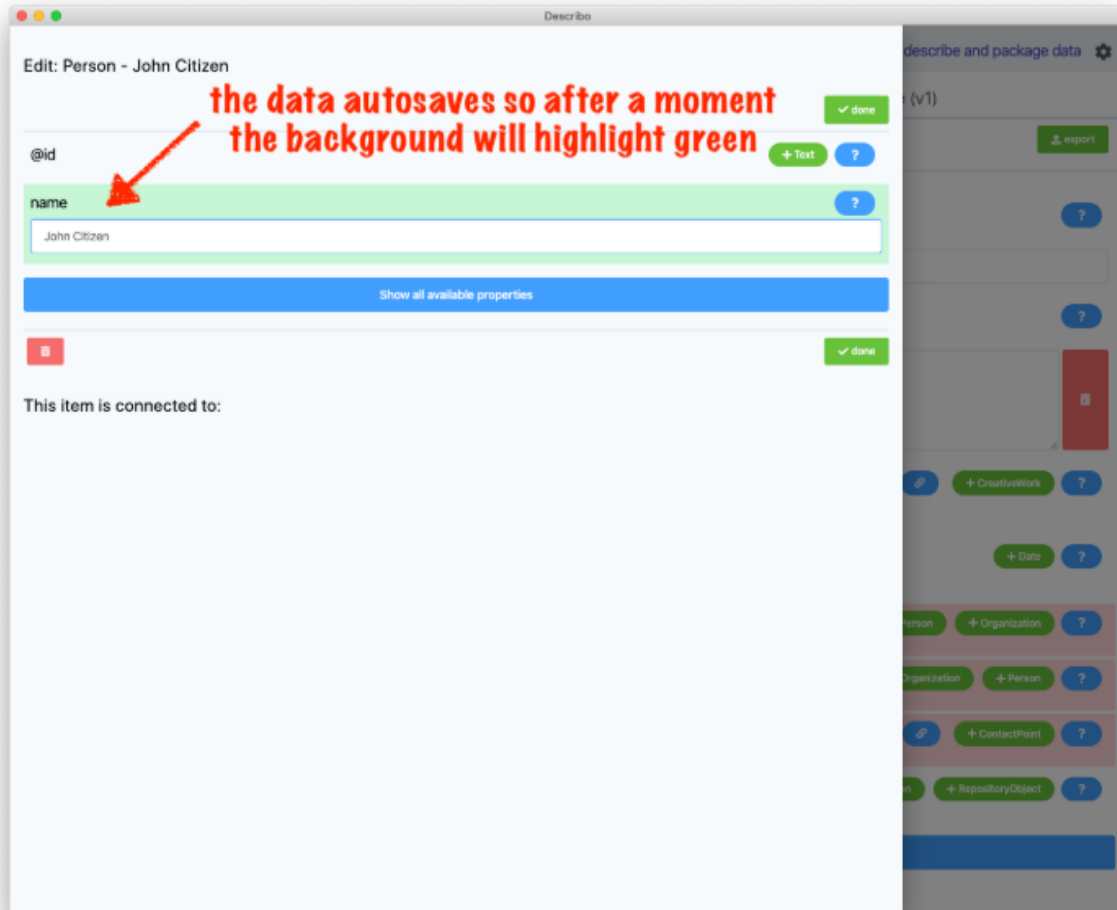
select an item you've already described from your internal data store

or define the properties of the item

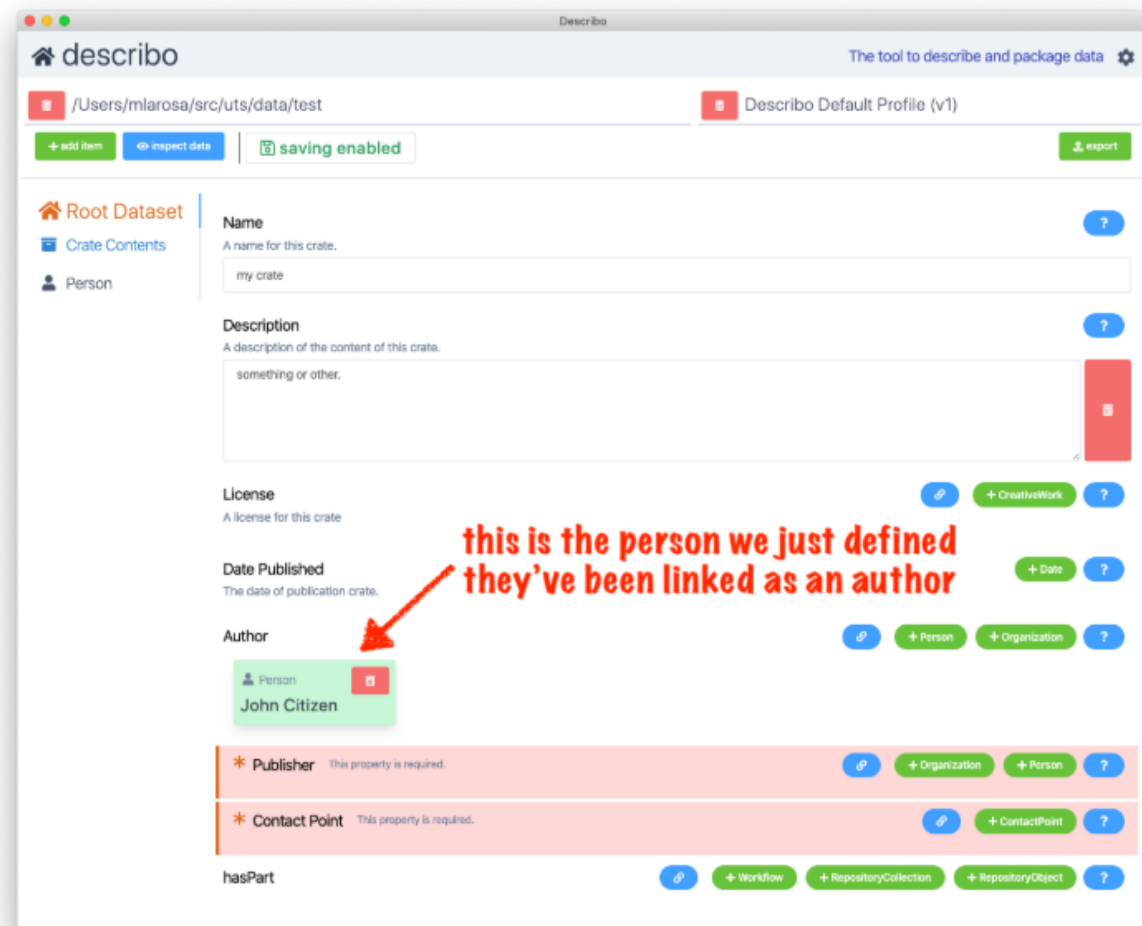
in this example we are creating a person and in this field we would provide their name

Describo continually saves the items you create to a personal store. So, when you add a new item to the crate you can select one you've already described.

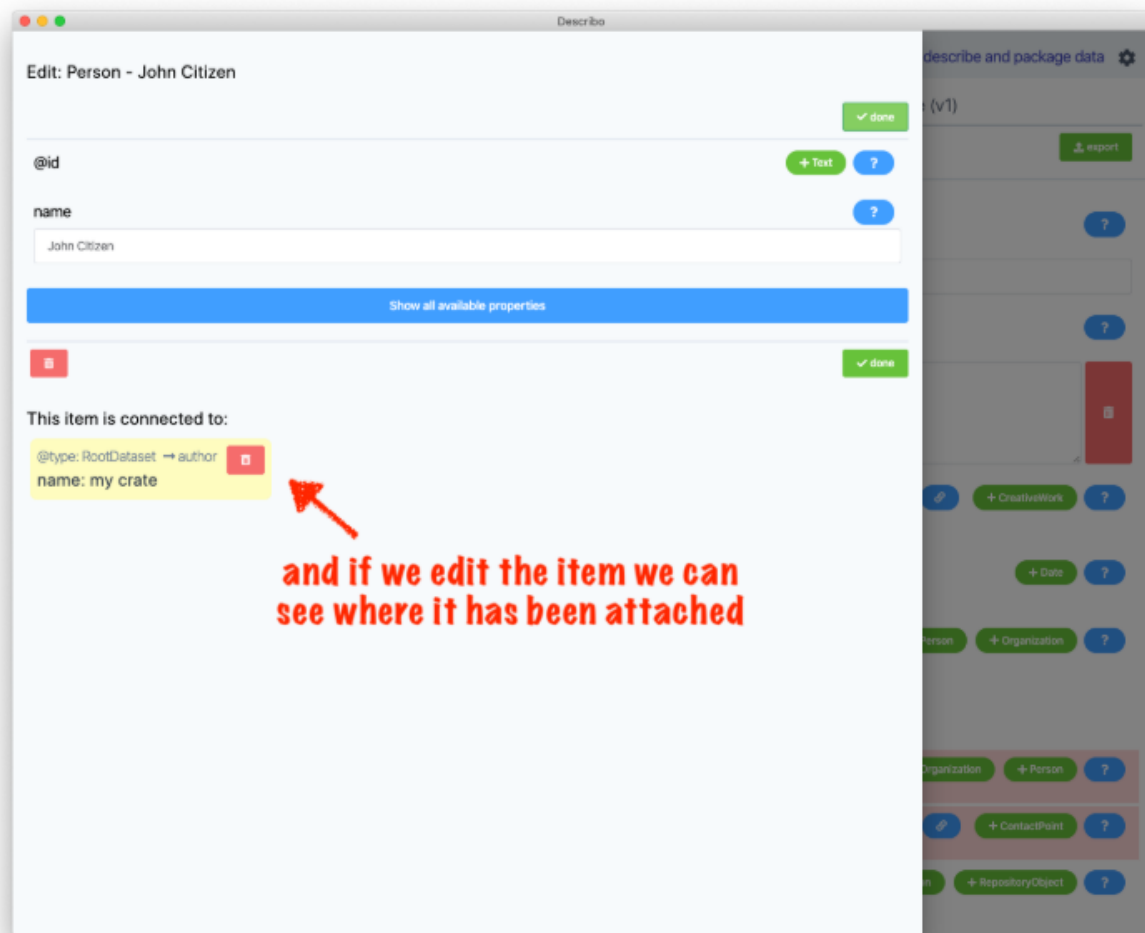
Or you can start from scratch and define what you need.



Describo autosaves as you type. Wait a moment and the field will flash green to indicate that this has happened.



When you've added an item to your crate you will see it next to the property you've attached it to.



And when you edit that item you can also see all the places it's attached.



describo The tool to describe and package data

/Users/mlarosa/src/uts/data/test Describo Default Profile (v1)

+ add item inspect data saving enabled export

Root Dataset
Crate Contents
Person

something or other.

License A license for this crate + CreativeWork ?

Date Published The date of publication crate. + Date ?

Author link an item you've already defined to another property + Person + Organization ?

Person John Citizen

* Publisher This property is required. + Organization + Person ?

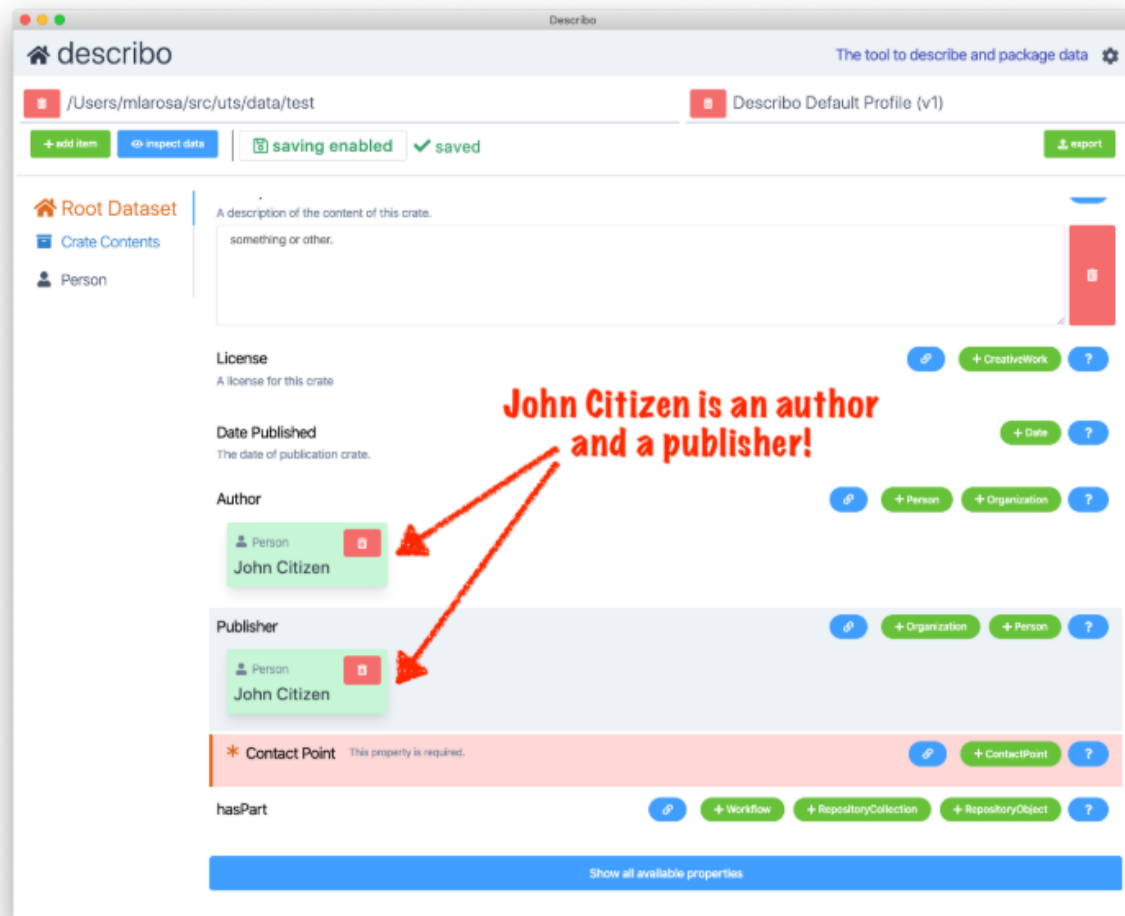
Select a person that is a part of this crate.
Select
John Citizen #c9943f2a-9361-4d46-a302-54735aa8d715

* Contact Point This property is required. + ContactPoint ?

hasPart + Workflow + RepositoryCollection + RepositoryObject ?

Show all available properties

Items can be linked to multiple properties. In fact, you should not create the same item twice!



In this example this person is defined as an author and a publisher of this crate.



Describe

Edit: Person - John Citizen

done

@id

+ Text ?

name

John Citizen

?

Show all available properties

done

This item is connected to:

@type: RootDataset → author

name: my crate

@type: RootDataset → publisher

name: my crate

describe and package data

(v1)

export

+ CreativeWork ?

+ Date ?

Person + Organization ?

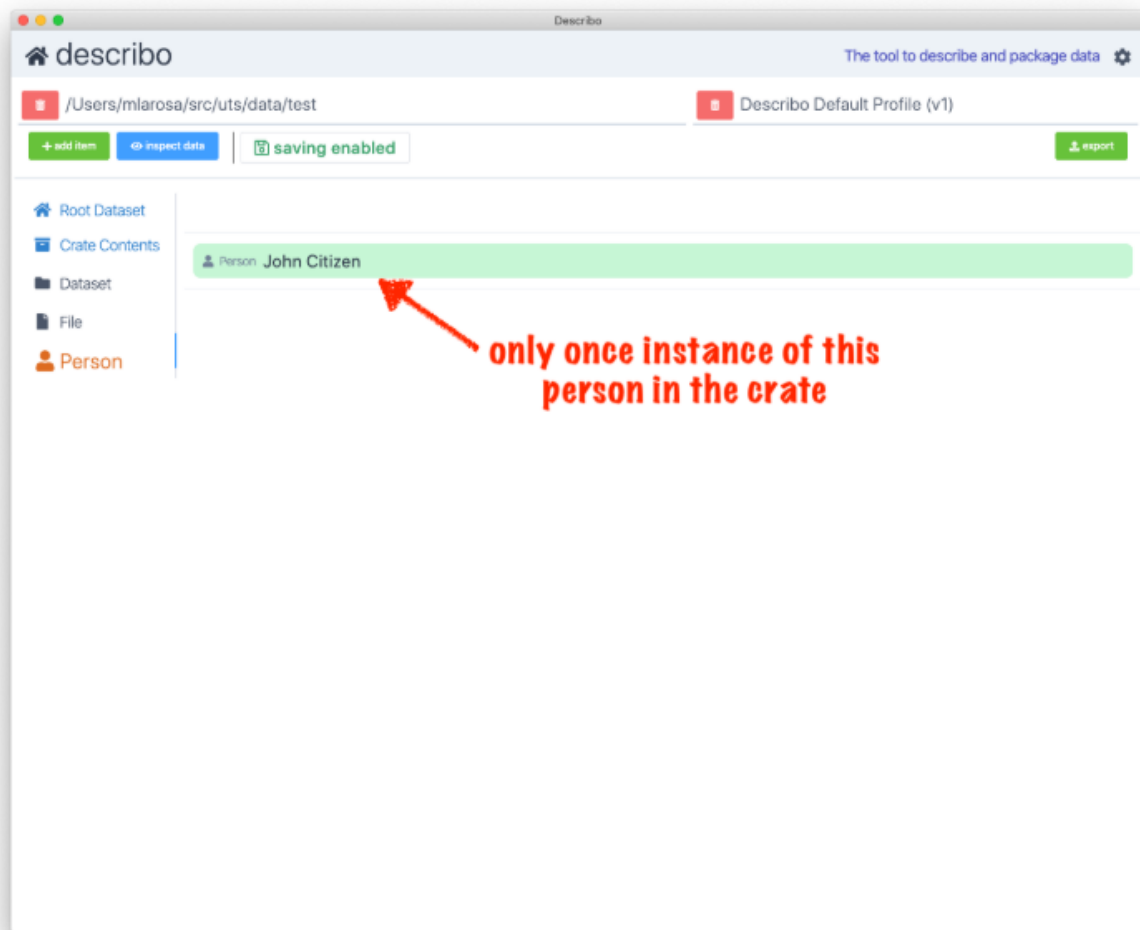
Organization + Person ?

+ ContactPoint ?

+ RepositoryObject ?

**John Citizen is an author
and a publisher in the
RootDataset**

In this example this person is defined as an author and a publisher of this crate.



We can see that this Person is only defined in the crate once even though they are linked to two properties.



describo The tool to describe and package data

/Users/mlarosa/src/uts/data/test Describo Default Profile (v1)

+ add item inspect data saving enabled export

Root Dataset
Crate Contents
Person

Name
A name for this crate.
my crate

Description
A description of the content of this crate.
something or other.

License
A license for this crate.
+ CreativeWork

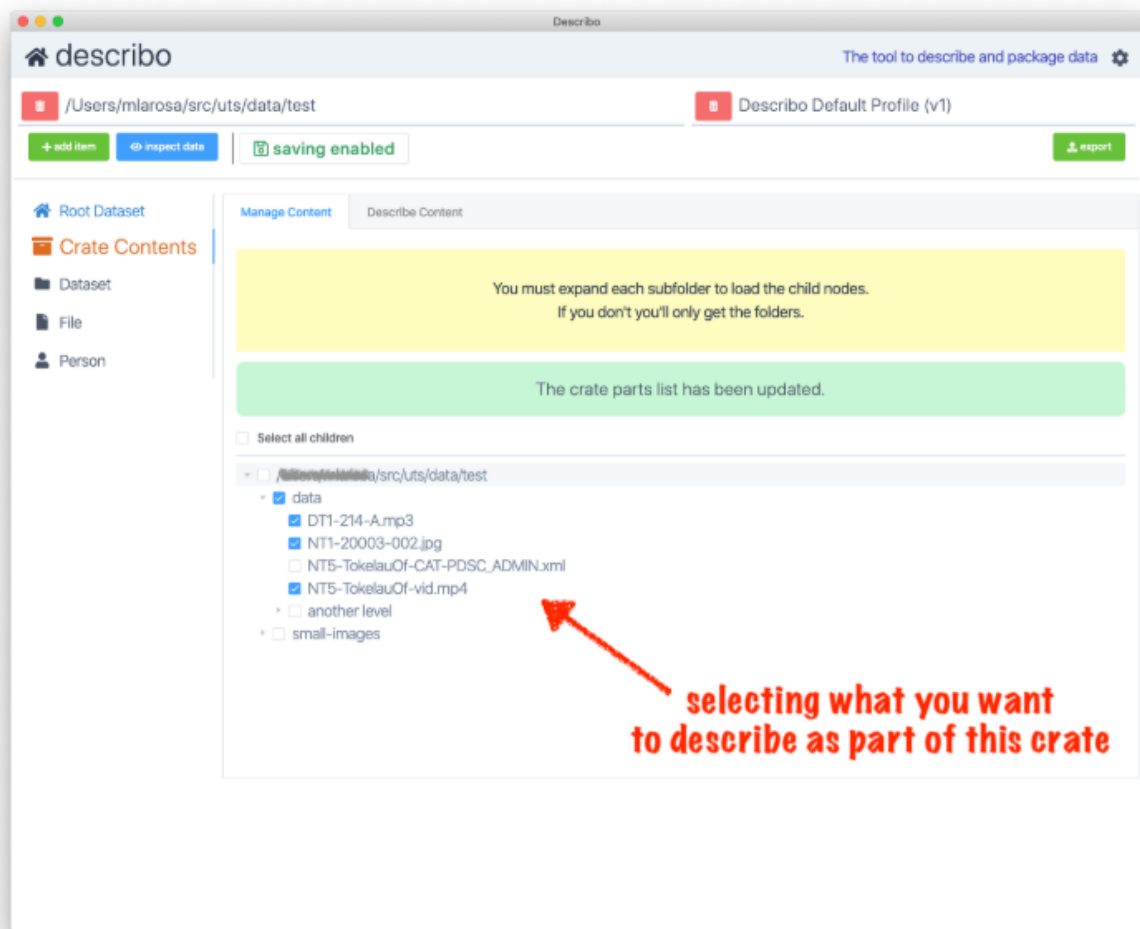
Date Published
The date of publication crate.
+ Date

Author
+ Person + Organization
Person John Citizen

Publisher
+ Organization + Person
Person John Citizen

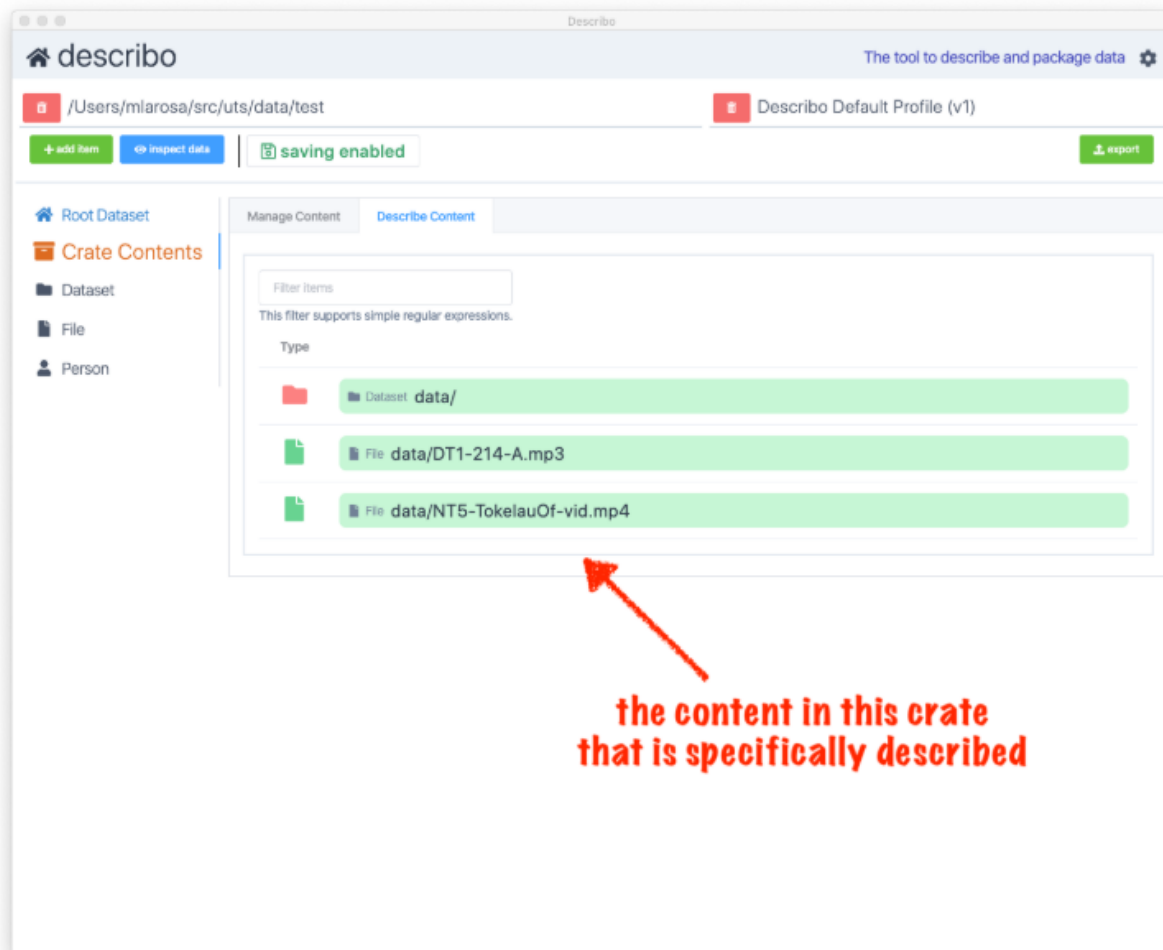
* **Contact Point** This property is required.
+ ContactPoint

A key feature of RO-Crate is the ability to describe the content within your crate.



In this example we've specifically added an mp3, an mp4 and an XML file to the description.

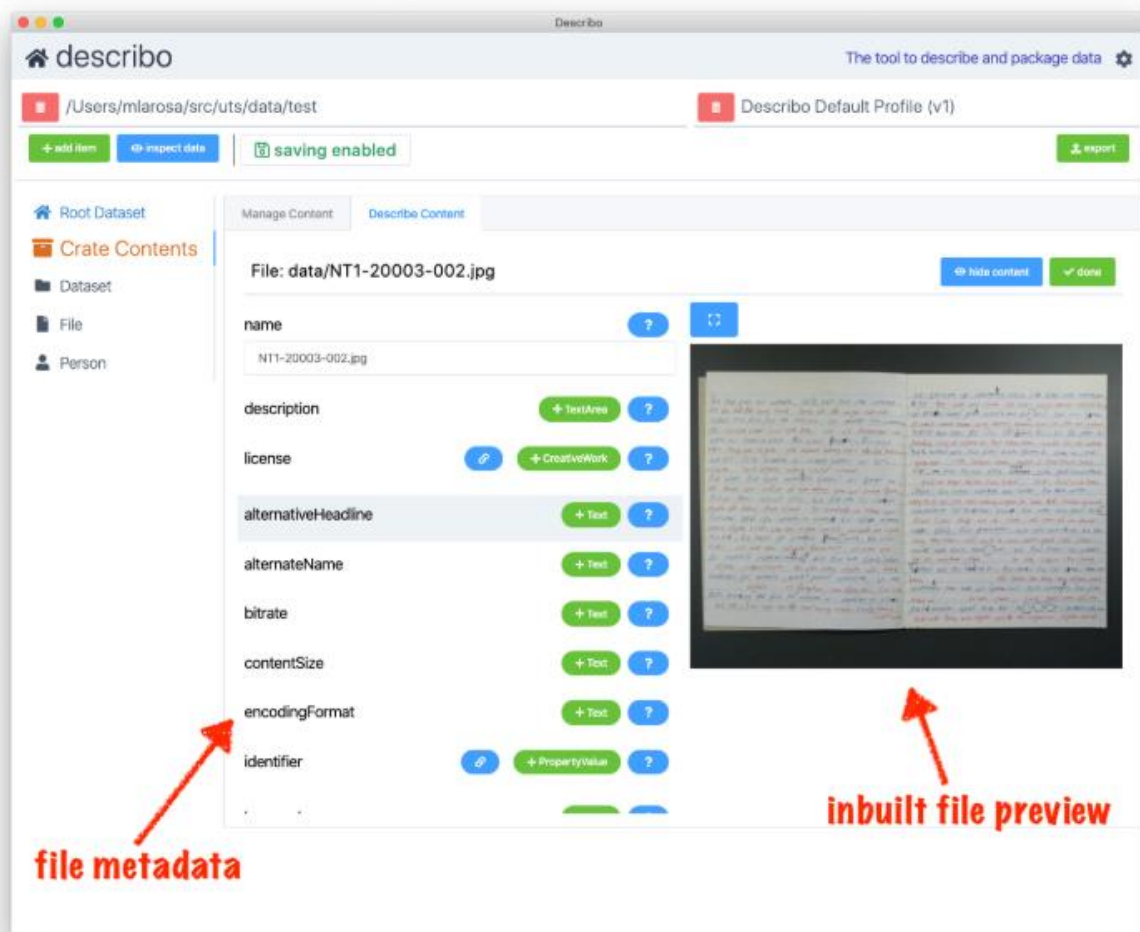
Don't be confused: if you package up your crate the whole folder subtree will be included. This is about explicitly describing some items.



**the content in this crate
that is specifically described**

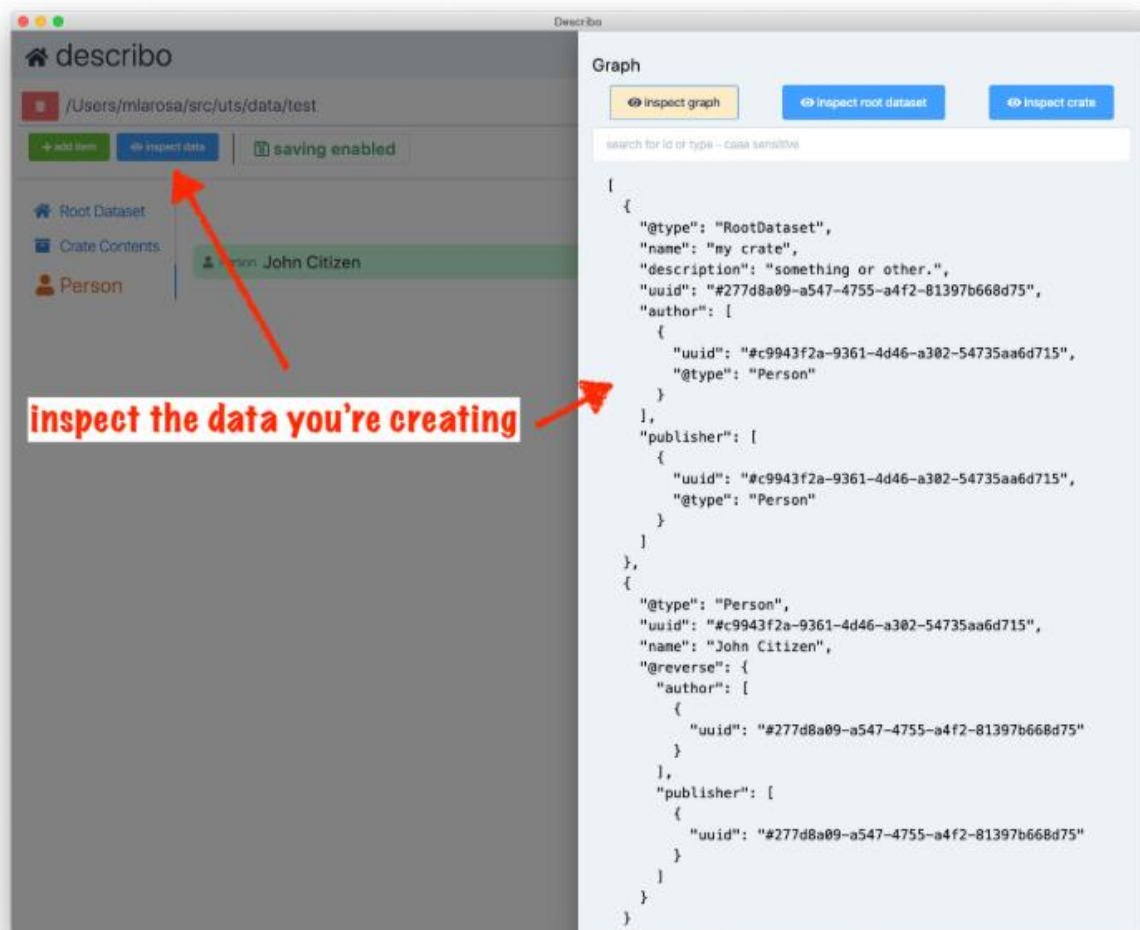
The items we want to describe. A folder is described as a 'Dataset' and a file is described as a 'File'.

File and folder identifiers are paths relative to the root of the crate.



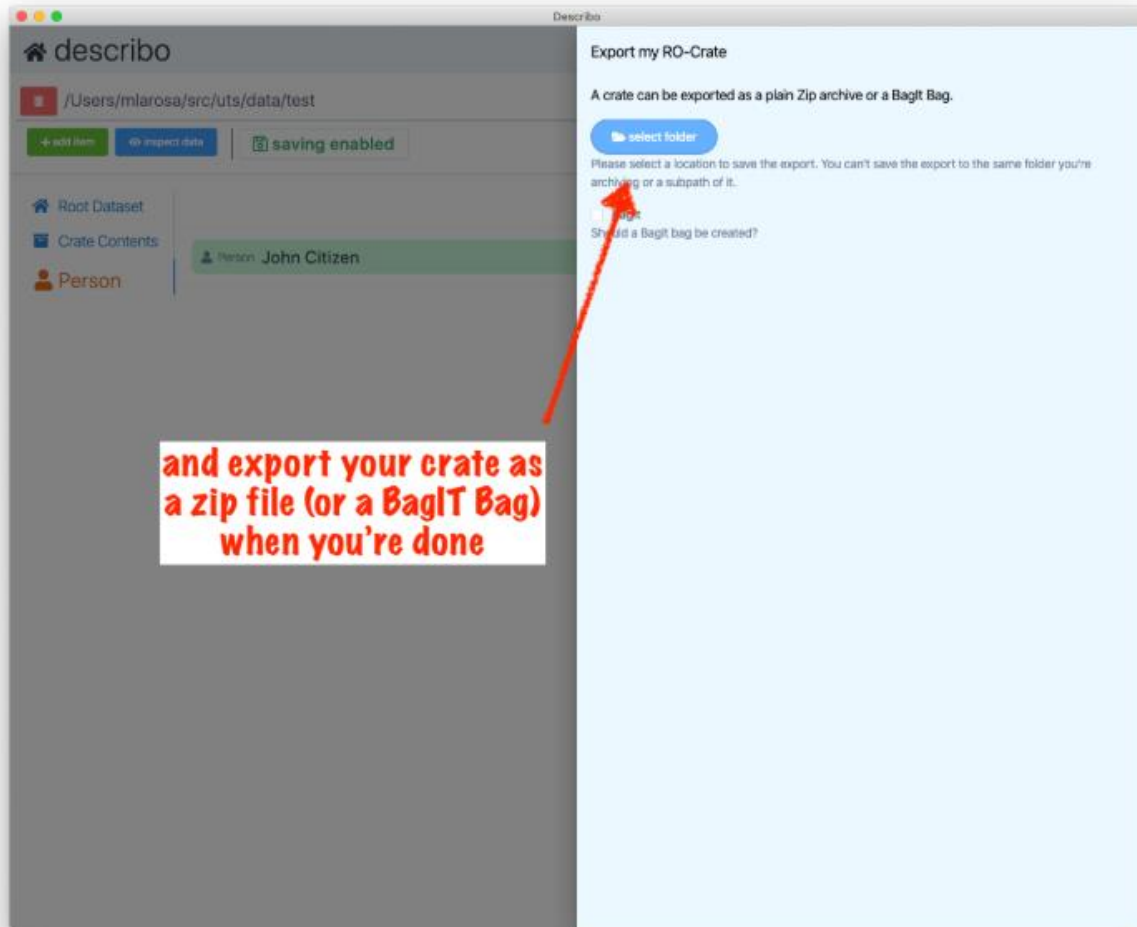
RO-Crate allows you to define metadata for the crate and individual items within the crate.

In this example we can see a preview of the file and the properties we can define which provide the user more information about this piece of data.

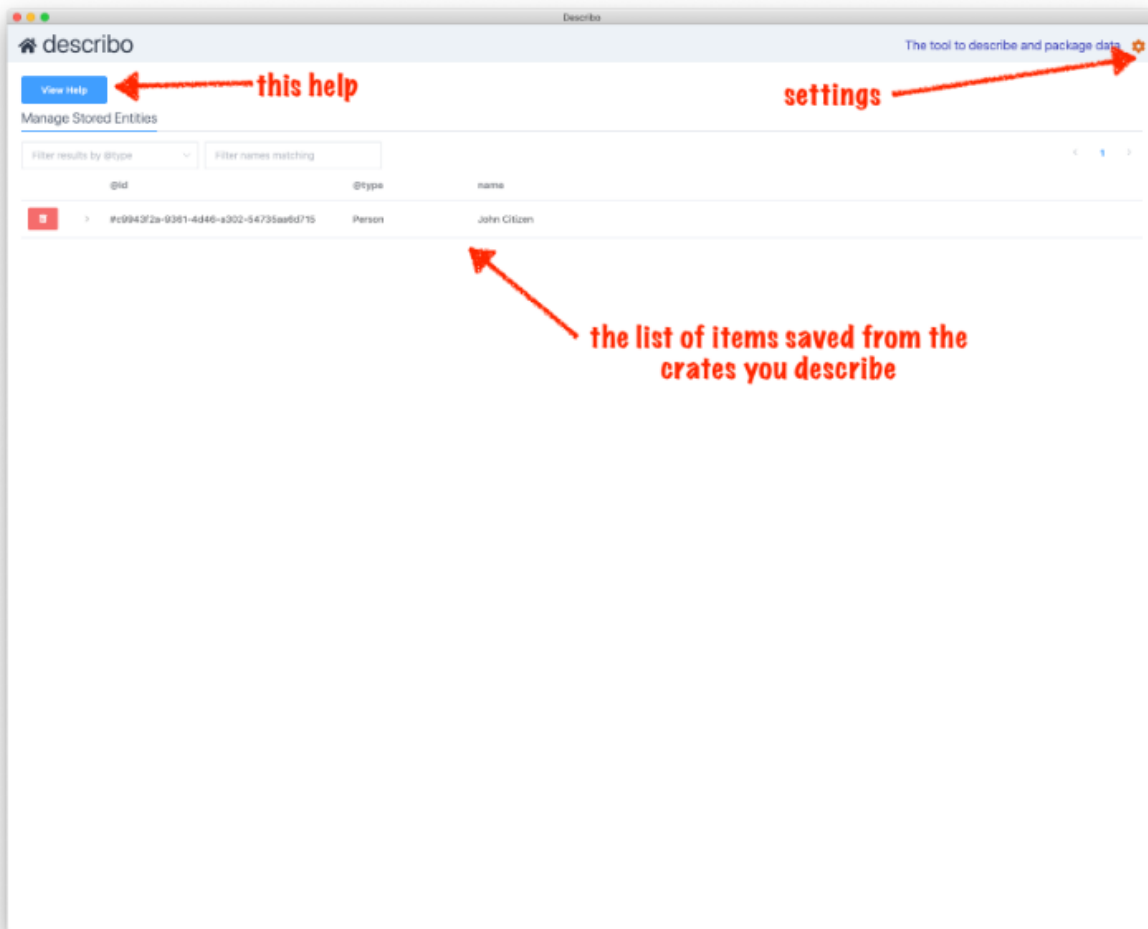


Describo gives you tools to inspect the data you're creating.

The 'inspect crate' button will show you exactly what will be written out.



And when you're done you can export the crate as a zip file or even a BagIT Bag!



Finally, the settings page of Describo. This is where you can see the items that have been saved to your datastore and also access this help again.