Resource Creation and Usage

(2024-03-29)

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Motivation

The Resource is an OpenRIMS electronic form component that allows various usage of the files provided by NRA[1].

Typical use cases are:

1. Creation of docx documents using docx template and application's data
2. Customization of a receipt of the application submitting
3. Customization of the OpenRIMS screen, such are:
   3.1. The NRA logo at the top of the screen
   3.2. Images of the tiles
4. Storage of the customized help files

Any given resource should be created before it will be included in the electronic form configuration. For current, the creation of a resource is a complex and time-consuming operation.

This manual contains an explanation of the example of how to create a resource from scratch. The audience is OpenRIMS Supervisor users.

In the following releases, the OpenRIMS development team will simplify this process.

The Roadmap

The creation of a resource following steps should be performed:

1. Creation of a single-level dictionary containing a list of definitions to guide on which files provided
2. Creation of the Data Configuration with a single "documents" component grounded in the dictionary and pre-view it
3. Preparation of the provided files
4. Creation of the Resource Configuration and uploading the files into the resource

[1] National Regulatory Authority

An example

Problem Statement

Suppose we need to add the ability to upload application registration invoices to the pharmacy registration application. There should be two kinds of invoices – for one year and three years of the registration period

This problem should be resolved using a resource. The resource creation should strictly follow the steps described in the “The ” chapter.

Dictionary

Determine URL

The URL of the application form is “retail.site.owned.pvt”. It will be a good idea to assign the dictionary URL “dictionary.invoices.retail.site.owned.pvt”

Create the dictionary

Administrate-Configurations-Dictionaries

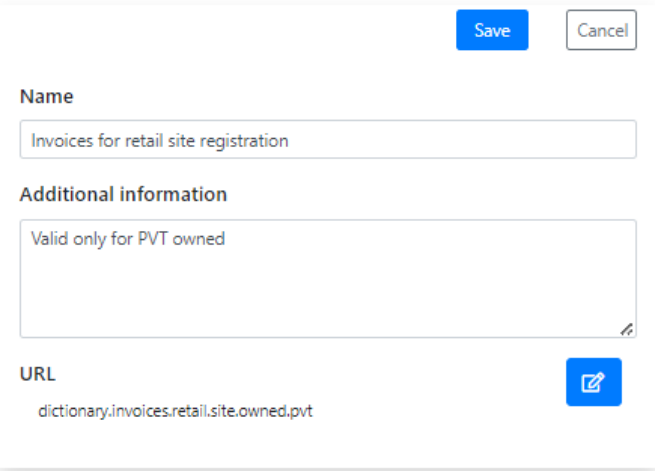

Figure 1 The dictionary definition after the New Dictionary button is pressed

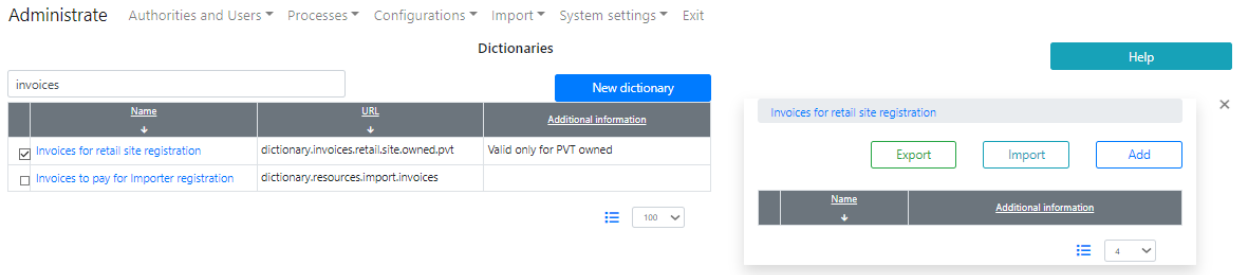

Figure 2 The new empty dictionary has been created

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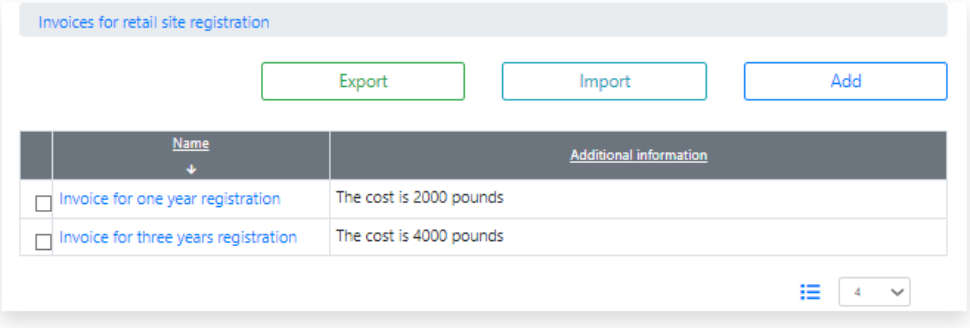

Figure 3 The items have been defined following the Problem Statement

Data Configuration

Determine URL

It will be a good idea to start all resource configuration data from "resource.form". Thus, the URL should be resource.form.invoices.retail.site.owned.pvt

Configure it

Administrate-Configurations-Data Configurator

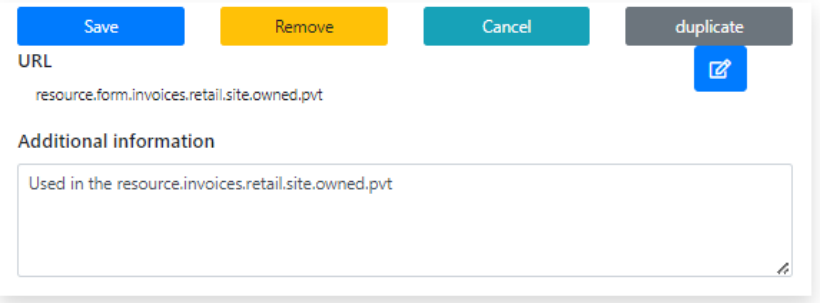

Figure 4 Data definition after the "Add" button is pressed

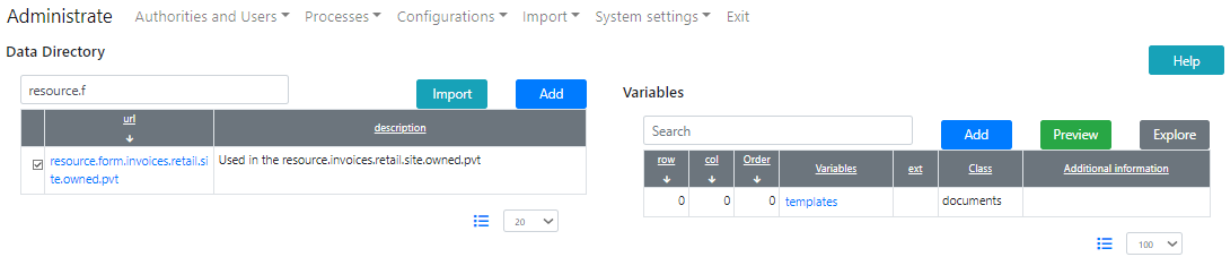

Figure 5 Configured Form that includes only the "documents" component

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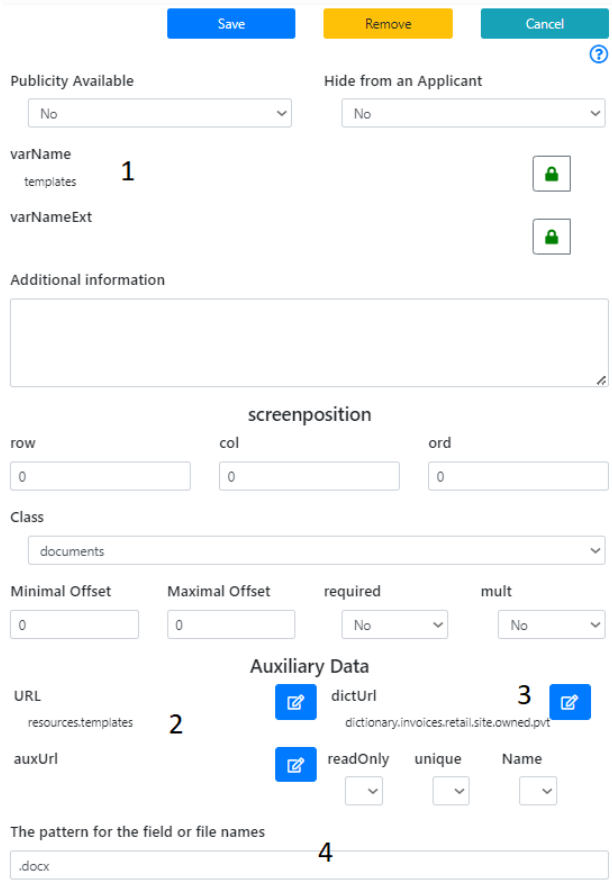

Figure 6 The configuration of the "documents" component

1. The name may be any. We recommend "templates"
2. It will be a good idea to store all template files under a single URL
3. The dictionary created above
4. The pattern ".docx" guides the Supervisor User to upload only docx

Then, make the preview of the configuration

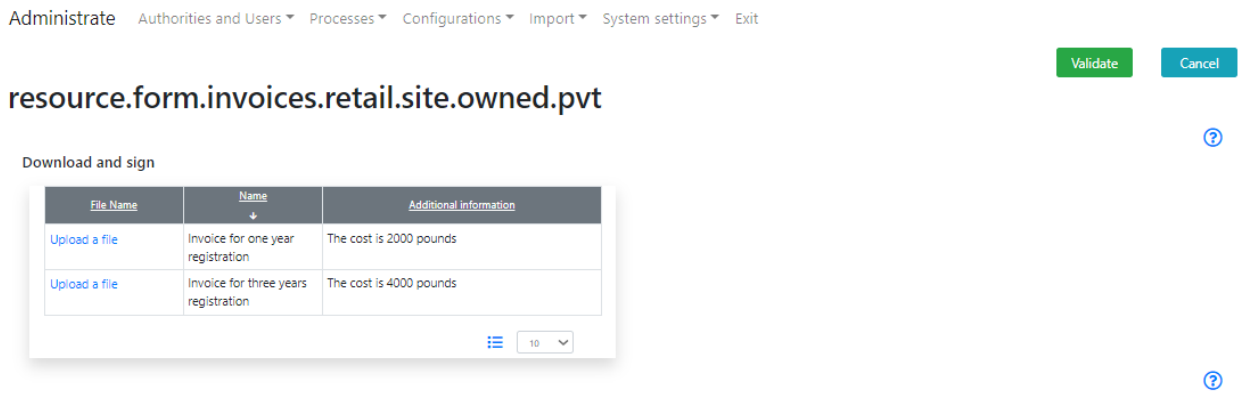

Figure 7 Form pre-view is OK

Preparation of the provided files

Use the EL Expression Guide to prepare the templates. This guide is available in OpenRIMS in the **Administrate-Configurations-Resources.** The names of files may be any. The meaningful names are highly appreciated, i.e., invoiceYearTemplate.docx, invoice3YearsTemplate.docx

Creation of the Resource Configuration and uploading the files into the resource

Determine URL

It is recommended to start the resource URL with words that reflect the meaning of the resource. In this example, these words are **invoices.registration.fee**.

Thus, the full URL will be

invoices.registration.fee. retail.site.owned.pvt

Configure It

Administrate-Configurations-Resources

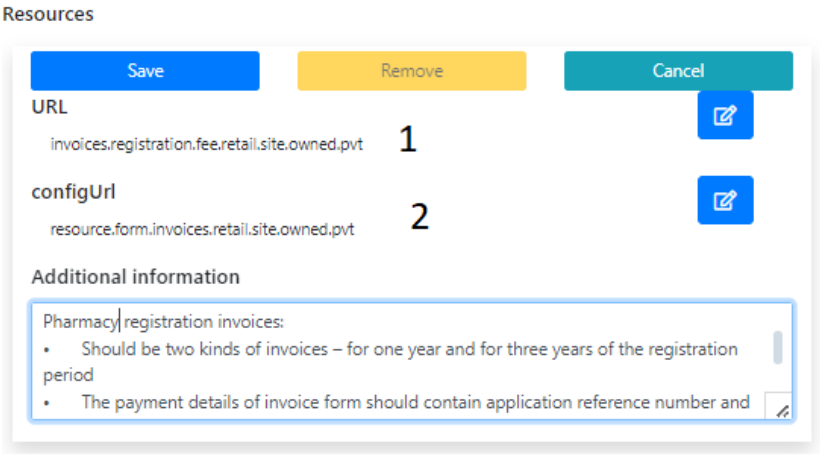

Figure 8 Resource Configuration

1. This URL is for usage in the application form configuration
2. The configuration is described above. It will be a good idea to use URL Assistance to find this already created URL (see on the next page)

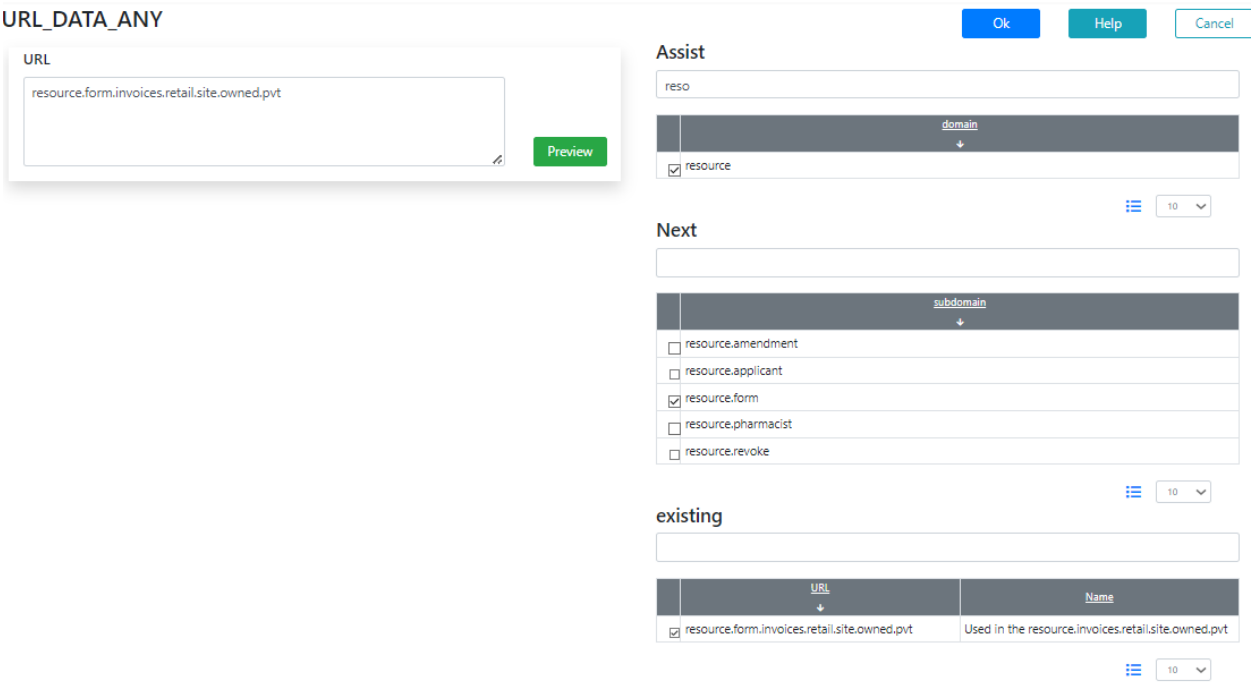

Figure 9 Usage of the URL Assistance for configUrl

Uploading the files

In **Administrate-Configurations-Resources** find the newly created resource and open it.

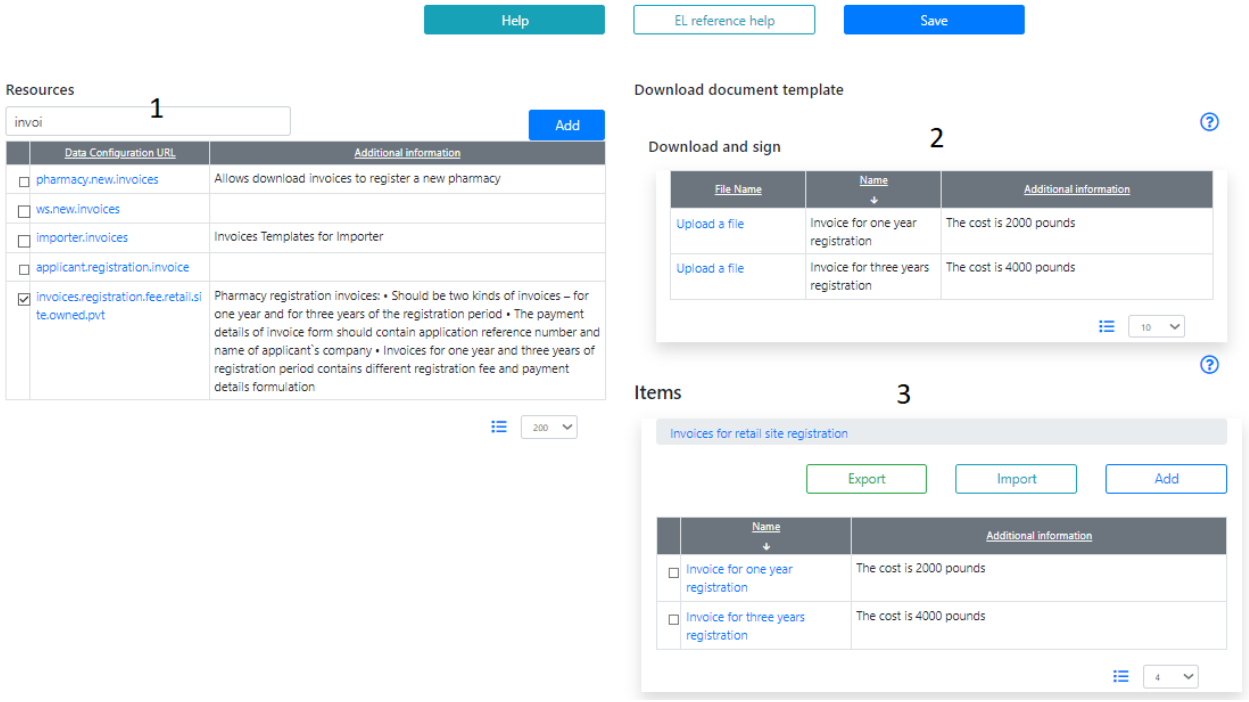

Figure 10 The resource is OK, however, empty

1. Search for the resource
2. The resource is OK, however, empty
3. It is possible to add and edit items in the dictionary

Then, upload the files. **Please, press the "Save" button above the resource after each uploading**.

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resources.creation.help

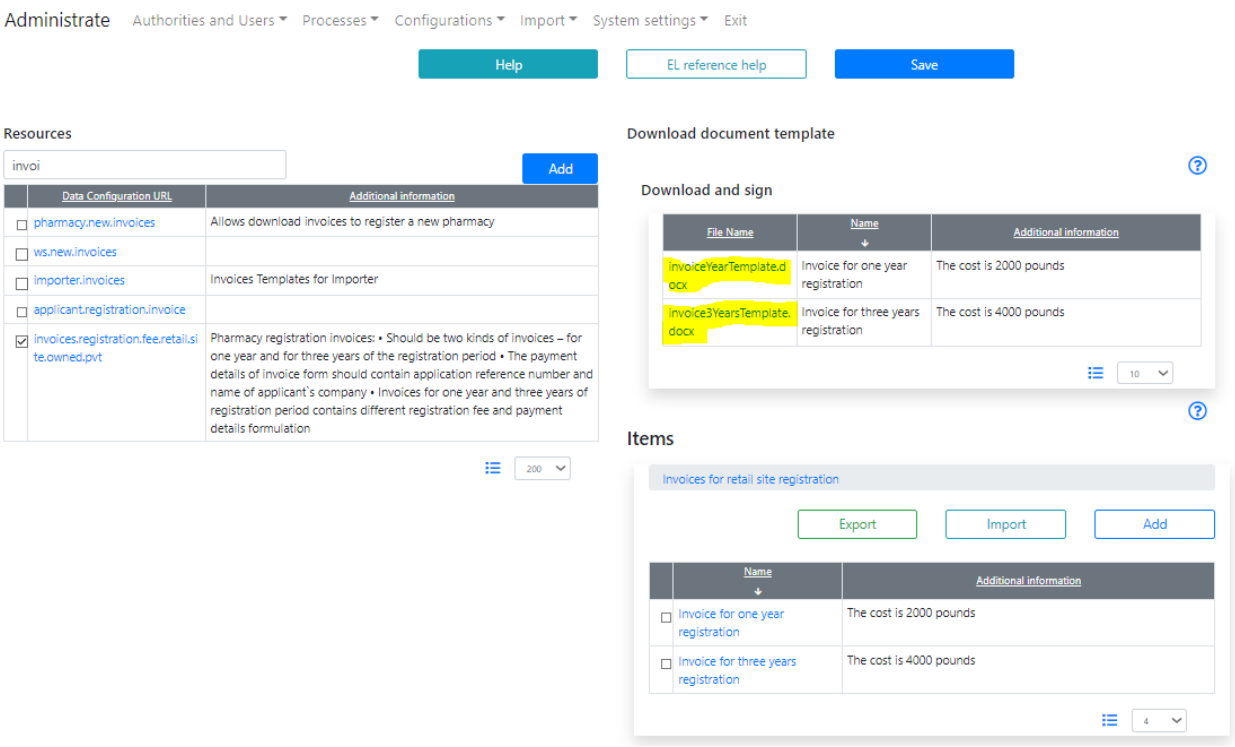

Figure 11 The resource is ready