

create resources:

1) `sidora_create_resource` is called

All steps of resource creation are handled by the `sidora_create_resource` function.

The steps are codebook creation, file upload, and form generation.

2) The "step" of the resource creation is determined

2a) If the resource should have a codebook, set up the codebook creation

2b) If the resource should have files and doesn't, show the upload form

2c) If the resource has its proper prerequisites, show the forms

3) After prior steps are completed, determine how many forms are shown.

3a) no files gives a single form. Data on form name and model is stored for use later.

3b) uploaded files show a number of forms based on the number of files. Data on form name and model is stored for use later.

3.1) These forms are based on the `islandora_ingest_form` which are created via `islandora_ingest_form`.

3.2) These forms go through `sidora_form_alter` which moves the form into a state to pass to the `xml_form_builder_metadata_step`.

This is the step that chooses the association thereby choosing the model and form (using the data stored earlier).

3.3) These forms are then created by the `xml_form_builder_metadata_step` based on the association chosen.

3.4) These forms have their validation removed.

The user will submit these forms.

Each form gets its own submit under the queueing system.

The submits follow this path:

1) `xml_form_builder_ingest_form_submit` for the form builder

This handles the creation of the object.

2) After the object is created, Islandora calls its hooks, of which `sidora_islandora_object_ingested` is one.

3) `sidora_islandora_object_ingested` will add the SIDORA datastream, assign the object to its parent, and clear the necessary caches.

4) The form submittal handlers continue and will return the Islandora view page of the object.

This includes `drupal_set_message` with the newly created ID