



Metalnx 2.4.0 with GalleryView

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- Three releases - v2.2.0, v2.3.0, v2.4.0
 - Fixes for error messages and containerization
 - Fixes for CSV exports
 - Support for anonymous login
 - Support for pluggable search
 - Support for GalleryView of a Collection

<https://github.com/irods-contrib/metalnx-web>

To enable GalleryView:

- Create an iRODS rule that provides full logical paths to the thumbnails

```
irods_policy_list_thumbnails_for_logical_path(*logical_path, *offset, *limit, *out){  
    ...  
}
```

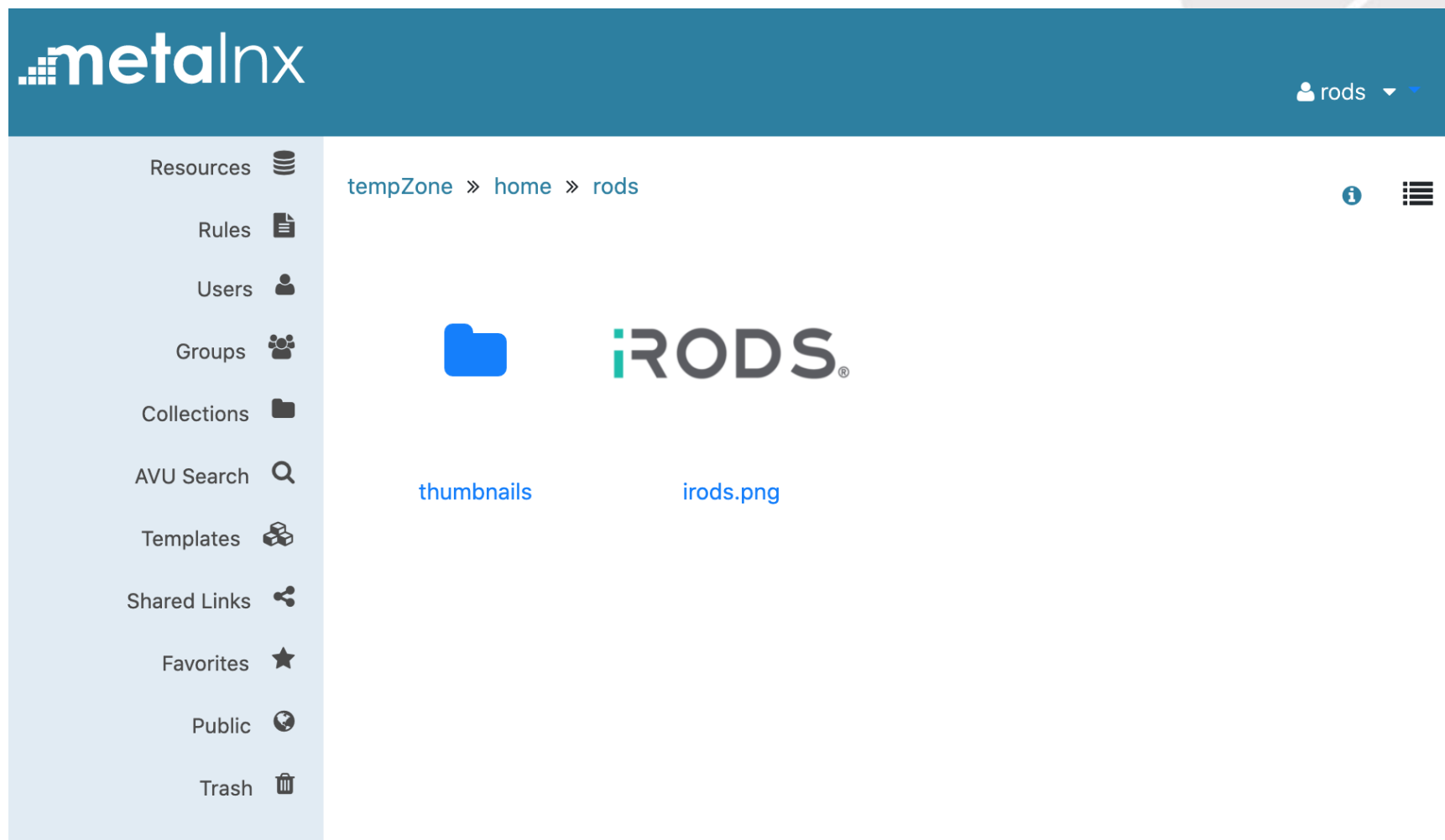
- Provide the proper rule engine instance name in metalnx.properties

```
# server rule engine instance that will provide the galleryview listing  
gallery_view.rule_engine_plugin.instance_name=irods_rule_engine_plugin-irods_rule_language-instance
```

An example iRODS rule is provided for reference:

<https://github.com/irods-contrib/metalnx-web/blob/master/docs/GalleryView.md>

- Based on Vue.JS
- A grid of files and subdirectories
- Display 'hover' field data in response from rule engine
- Navigable path



Clicking on a thumbnail takes the user to the data object details

The screenshot shows the iRODS web interface for a file named 'irods.png'. The breadcrumb path is 'tempZone » home » rods'. The file is identified as an 'image/png'. The interface has tabs for 'Details', 'Metadata', 'Permissions', and 'Preview', with 'Details' selected. Under the 'Info' section, the following metadata is displayed:

Absolute Path	/tempZone/home/rods/irods.png	
File	irods.png	
Collection	/tempZone/home/rods	
Owner	rods	
Zone	tempZone	
Created	Wed Jun 09 17:38:01 GMT 2021	
Modified	Wed Jun 09 17:38:34 GMT 2021	
Checksum	sha2:6N8idmKLeoa3V6qhnY0dlaLivCO/rpH1ke7e4UajFpE=	
DataPath	/var/lib/irods/Vault/home/rods/irods.png	
Size	25 KB	
Data Path	generic	
Expiry	00000000000	
Datamap Id	0	
SpecColType	NORMAL	
Object Path		
Comments		

Thank you for your attention.

Any questions?