

Dataset Metadata

I will continue to refine these as more pieces of the demo fall into place.

MHD

Running on: Nebula

Instance: <http://141.142.208.127:8080>

Status:

- Still waiting on data transfer
- Still waiting on data ingest
- Needs Data DOI
- Needs Landing Page link
- Encountering problems launching notebooks on this data
 - Notebook launches, but navigating to large directories causes it to **crash**
 - Possibly due to instability of NFS mount
 - Possibly due to Girder not being finished with the ingest (whole dataset may be locked?)

mhd-metadata.json

```
{
  "_id": "FAKE_MHD_DOI",
  "authors": [
    {
      "email": "pmoesta@berkeley.edu",
      "firstName": "Philipp",
      "lastName": "Moesta"
    }
  ],
  "girder": {
    "api_host": "141.142.208.127",
    "api_port": ":8080",
    "api_protocol": "http://",
    "api_suffix": "/api/v1",
    "folder_id": "5820f747733d8c0001322448",
    "guest_pass": "123456",
    "guest_user": "admin",
    "tmpnb_proxy_port": ""
  },
  "label": "MHD Turbulence in Core-Collapse Supernovae"
}
```

Renaissance

Running on: SDSC

Instance: <http://132.249.238.217:8080>

Status:

- ~~Still waiting on data ingest~~
- Needs Data DOI
- Needs Landing Page link
- ~~Needs girder folderId~~
- ~~Needs guest credentials~~
- Encountering problems launching notebooks on this data
 - Notebook launches, but contains no data
 - **"Value too large for defined data type"**

mhd-metadata.json

```
{
  "_id": "FAKE_RS_DOI",
  "authors": [
    {
      "email": "oshea@msu.edu",
      "firstName": "Brian",
      "lastName": "O'Shea"
    },
    {
      "firstName": "John",
      "lastName": "Wise"
    },
    {
      "firstName": "Hao",
      "lastName": "Xu"
    },
    {
      "firstName": "Michael",
      "lastName": "Norman"
    }
  ],
  "girder": {
    "api_host": "132.249.238.217",
    "api_port": ":8080",
    "api_protocol": "http://",
    "api_suffix": "/api/v1",
    "folder_id": "582110491f39190001ddb992",
    "guest_pass": "admin",
    "guest_user": "password",
    "tmpnb_proxy_port": ""
  },
  "label": "Probing the Ultraviolet Luminosity Function of the Earliest Galaxies with the Renaissance Simulations"
}
```

Dark Sky

Running on: ythub

Instance: <http://girder.hub.yt/>

Status:

- Needs Data DOI
- Needs Landing Page link
- ~~Needs guest credentials~~
- Encountering problems launching notebooks on this data
 - Notebook refuses to launch via API
 - "Invalid notebook id (578506ed45acc80001195e4d)."

mhd-metadata.json

```
{
  "_id": "FAKE_DS_DOI",
  "authors": [
    {
      "firstName": "Michael",
      "lastName": "Warren"
    },
    {
      "firstName": "Alexander",
      "lastName": "Friedland"
    },
    {
      "firstName": "Daniel",
      "lastName": "Holz"
    },
    {
      "firstName": "Samuel",
      "lastName": "Skillman"
    },
    {
      "firstName": "Paul",
      "lastName": "Sutter"
    },
    {
      "email": "mjturk@illinois.edu",
      "firstName": "Matthew",
      "lastName": "Turk"
    },
    {
      "firstName": "Risa",
      "lastName": "Wechsler"
    }
  ],
  "girder": {
    "api_host": "girder.hub.yt",
    "api_port": "",
    "api_protocol": "https://",
    "api_suffix": "/api/v1",
    "folder_id": "578506ed45acc80001195e4d",
    "guest_pass": "8<)HH+{#b*",
    "guest_user": "willis8",
    "tmpnb_proxy_port": ""
  },
  "label": "Dark Sky Simulation"
}
```