

MetaArch Testing (All testing done on Mac OS X in Chrome 33)

Task 1:

- When adding an author to a new dataset, if you enter a name and press enter within that text field, you receive a NullPointerException and the dataset is created.
- Creating an author appears to do nothing.
- Searching for an author yields no results and it appears nothing happens. When I click the "Add Author" button nothing happens. It looks like the XHR request is getting "request denied" returned from the server. Pressing enter on this text field repeats the same bug as mentioned above.
- When filling out all the required fields, a NullPointerException is still returned.

Error 500: Internal Server Error

URI: /metaarch/dataset/save

Class: java.lang.NullPointerException

Message: Cannot get property 'sortKeys' on null object

Trace

```
Line | Method  
->> 447 | doCall in meta.DatasetController$_closure8
```

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Task 2:

- Changes to the dataset did not appear to save.
- Upon saving, another NullPointerException was encountered. The only fields changed were the start and end dates as well as the dataset summary.
- No changes appear to have been saved.

Error 500: Internal Server Error

URI: /metaarch/dataset/index
Class: java.lang.NullPointerException
Message: Cannot get property 'sortKeys' on null object

Trace

```
Line | Method
->> 711 | doCall in meta.DatasetController$_closure12
```

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Task 3:

- Upon checking the Data/Documentation Files section, it recognizes TXT and CSV extensions, but fails to recognize XLSX for the current version of Excel. It does detect XLS for older 97-2004 version of Excel.

Task 4:

- Upon adding links and saving the dataset changes, another NullPointerException was encountered. The error is identical to the error given in Task 2.
- The links do not appear to have saved

Task 5:

- After creating and adding the documentation to the dataset via the Wizard, I received a NullPointerException when attempting to edit the documentation again. This only happens with TXT extension if a file of identical name has already been added. For example, I uploaded readme.txt and then created readme.txt from the Documentation Wizard. It attempted to rename the first readme file and add the second but appears to have broken in doing so.

After adding the documentation to the dataset:

• readme_v1.txt has been added to data set with id 9.

Arctic Longwave Infrared Satellite Composite Imagery

[Edit Data / Documentation File List](#) [Edit Links](#)

Point of Contact:

[Foo Test Bar 2](#)

Funded by: NSF 123456789

Summary

This dataset contains longwave infrared (~12.0 microns) Arctic satellite composite imagery. The Arctic composites are made every three hours (synoptic hour) creating a total of eight images per day. Most input satellite observations included in the composite were procured within 15 minutes of the top of the synoptic hour. No image is more than +/- 50 minutes from the top of the synoptic hour. Geostationary and Polar orbiting satellites used to generate the composite can include: Polar-orbiting Operational Environmental Satellites (POES) / National Oceanic and Atmospheric Administration (NOAA), Geostationary Operational Environmental Satellites (GOES), and the European Meteosat Satellites.

[Environmental Satellites \(GOES\) -East and -West](#), [METEOSAT](#), [Meteorological Satellites \(MTSAT\)](#), FY-2, Kalpana-1, and Terra/Aqua.

Additional Information

Project	ACADIS		
Observational Frequency	unknown		
Spatial Type	unknown		
Science Keyword	Atmosphere > Air Quality > Carbon Monoxide	Location Keyword	Geographic Region > Global Land
Platform Keyword	Other	Instrument Keyword	clocks
ISO Topic	Climatology/Meteorology/Atmosphere		

Temporal Coverage

Begin Date 2011-07-14 00:00:00 UTC End Date 2014-04-07 23:59:00 UTC

Spatial Coverage

Minimum (South) Latitude 30
Maximum (North) Latitude 60
Minimum (West) Longitude -180
Maximum (East) Longitude 20

Resolution

Horizontal Resolution [unknown](#)
Vertical Resolution [unknown](#)

Status, Restrictions, Tags, etc.

Progress complete
Access Restrictions No restrictions
Language English
Metadata Version 1.5.1

Data / Documentation Files & Links

[Edit Data / Documentation File List](#) [Edit Links](#)

- Data / Documentation Files
- Metadata/Documentation File: [readme_v1](#) ([TXT], 0 kB)
 - Data File: [sample_data.xlsx_v1](#) ([Unknown], 33 kB)
 - Data File: [sample_data.csv_v1](#) ([CSV], 0 kB)
 - Data File: [sample_data.xls_v1](#) ([XLS], 25 kB)
 - Metadata/Documentation File: [readme_v1.txt](#) ([], 1 kB)

After clicking on the Documentation Creation Wizard link:

Error 500: Internal Server Error

URI: /metaarch/dataset/docWizard/9

Class: java.lang.NullPointerException

Message: Cannot get property 'id' on null object

Trace

```
Line | Method
->> 54 | doCall in meta.DatasetController$$_closure1_closure22
-----^
      53 | doCall in meta.DatasetController$$_closure1
```

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- Downloading the documentation works fine and appears correct.
- Adding an HTML or PDF readme file to the dataset works fine.

Task 6:

- No bugs detected here.

Task 7:

- No new bugs discovered here. All the same bugs affecting the ACADIS project still affect things in this project.

Task 8:

- No issues with logging in. No bugs here.

Task 9:

- No strange behavior detected here. All appears fine.

Task 10:

- Using MetaArch as a DMG User resulted in identical behavior as a data provider. All bugs encountered under the data provider account were still encountered.

Task 11:

- While creating an account, I chose a password that fulfilled the requirements of one letter, one number, and one special character but it was only seven characters long and still received the error that it needed to contain those three types of characters.