

XSEDE Tutorial 2016

The XSEDE16 Brown Dog tutorial was the first of a series providing those in attendance with an overview of Brown Dog, how to utilize its transformations within scientific code, and how to publish new transformation tools. Tutorial materials can be found here:

<http://browndog.ncsa.illinois.edu/tutorials/xsede16/>

Tutorial Handout



Agenda

- 1:00 - 1:30 pm, [Introduction to Brown Dog](#) (Kenton McHenry)
- 1:30 - 1:45 pm, [Environment Setup](#) (Smruti Padhy)
- 1:45 - 2:05 pm, [Demonstration of BDFiddle](#) (Jong Lee)
- 2:05 - 2:55 pm, **Creating Applications Using Brown Dog Services** (Marcus Slavenas)
 - [Conversions Hands on Example](#)
 - [Extractions, Indexing, and Retrieval Hands on Example](#)
 - [Combined Conversion and Extraction Example](#)
- 2:55 - 3:10 pm, **Break**
- 3:10 - 3:50 pm, [How to Wrap a Converter](#) (Kenton McHenry)
- 3:50 - 4:30 pm, [How to Wrap an Extractor](#) (Smruti Padhy)
- 4:30 - 5:00 pm, **Wrap Up and Followup Questions**



Instructions on Accessing Nebula VMs For XSEDE16 Brown Dog Tutorial Attendees