DRYAD2DATAVERSE – INTRODUCTION

WHAT IS IT?

> A TOOL TO **HARMONIZE** DATA COLLECTIONS BETWEEN **DRYAD** AND **DATAVERSE**

> A STAND-ALONE APPLICATION

> A PYTHON LIBRARY

WHY DID WE DEVELOP THAT?

> **[UBC DATAVERSE COLLECTION](#)** @BOREALIS IS OUR PRIME REPOSITORY

> THERE IS A LOT OF UBC-AUTHORED DATA IN DRYAD

> WANTED TO HARMONIZE AND DIGITALLY PRESERVE DATA STUDIES

> DATA SETS CAN BE CONSOLIDATED IN ONE PLACE: BOREALIS DATAVERSE

IMAGINING THE SOFTWARE

> SIMPLE

> MODULAR

> SYSTEM-NEUTRAL

> COULD BE SCHEDULED

> RUNS FROM COMMAND LINE

TECHNICAL OVERVIEW

> **API TO API**

> A DATABASE FOR PERSISTENCE AND CONTROL

STEPS

> CREATE A **METADATA CROSSWALK**. MOST IMPORTANT STEP.

> ANALYSE DRYAD'S UBC DATASETS

> NATIVE **DATAVERSE JSON** AS IMPORT

BUILDING PARTS

> SERIALIZER

> TRANSFER

> MONITOR

FEATURES

> COMMAND LINE PROGRAM

> USING RORS AS INSTITUTIONAL OUTPUT

> SELF-CONTAINED

> AUTO SAVES DATABASE ON EVERY RUN AND CREATES TIME-STAMPED BACKUPS

FEATURES

> CAN BE RUN AT ANY INTERVAL AS EACH RUN IS A SELF-CONTAINED CRAWL

> CAN SEND EMAIL STATUS MESSAGES TO MULTIPLE RECIPIENTS

SEE IT IN ACTION

> **END RESULT** -
DATAVERSE.SCHOLARSPORTAL.INFO/DATAVERSE/UBC_DRYAD

> **CODE** -
GITHUB.COM/UBC-LIBRARY-RC/DRYAD2DATAVERSE

> **DOCUMENTATION** -
UBC-LIBRARY-RC.GITHUB.IO/DRYAD2DATAVERSE/

CONTACT US

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