Create instance (collect REST data)

export Perl Validator Validate dataset Raise Validation Exception Create Tmp Dir & work inside (named for dataset) Copy dataset files Identify dataset into datafilee dir files on tmp Create meta.json Identify dependencies Create dataset.json Identify projects Create tarball Send Tarball to **iRODS** HTTP Error for non-2xx Create Flag & Send to iRODS failure Get Status Flag Raise Transfer After Delay Exception

Flowchart for Generic Exporter Galaxy Tool

(CWL 09FEB2017)

Notes:

Perl (or python validation script passed into constructor

The tmp dir is named after the dataset name to assure uniqueness

Dashed processes for implemented for specific EuPath datasets

Need to be inside tmp dir to create proper tarball

Empty flag triggers iRODS to unpack tarball

No polling for status flag currently