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1. Release Notes

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Released Software

The [Data Conservancy](#) is pleased to announce the second release of the Data Conservancy Software Package Tools (DCS Package Tools), version 0.10.0-beta. This is a **beta** release, still focused on core functionality. Future releases will include additional functionality and enhancements.

For more information about the Data Conservancy, its purposes, and goals, please visit the [Data Conservancy website](#) and read the [Data Conservancy Blueprint for Data Management](#)

The DCS Package Tools are a set of standalone desktop applications designed to reduce the burden on data producers to organize, describe and deposit data one entity at a time via the DCS Frontend. The DCS Package Tools GUI allows data producers to interact with data in a more natural manner, using the familiar file and directory semantics.

Documentation

Documentation for this release is found [online](#). Users of DCS Package Tools are encouraged to read the documentation, in order to understand the capabilities and limitations of this release.

The online documentation will be continually updated as errors are corrected and language is clarified. PDF versions of the documentation are also found [here](#) on the Data Conservancy website.

Developer documentation will be forthcoming in the form of maven sites.

Download

For current and past releases of the Data Conservancy Software please see the [Downloads](#) page.

Features

Under development since 2013, the Package Tools provides a functional desktop based interface making organizing, describing and preparing data for deposit into the DCS Archive more feasible on a larger scale. The features for this release are focused on building and validating data packages in a particular format (Bagit + ORE-ReM, detailed [here](#)). More user friendly features are anticipated to be included in future releases.

Known Issues

Please see the [Known Issues](#) page.

1.1. Change Log

0.10.0-Beta

New minor features release of the Data Conservancy Packaging Tools

- GUI
 - A file within a collection can be a MetadataFile or a combination of DataItem and DataFile
 - Ability to deselect (ignore) parts of the Package Artifacts tree
 - Targets of relationship can be string literals
 - Ellipsized long files' names

- Phone number, email address, uri/url input validation
- Auto detected and supplied file formats
- Configurable list of supported relationships
- Configurable list of known data disciplines
- Target project id specification has been moved to the last step of the package creation process.
- Progress indicators for long running processes
- Command line
 - Introduction of the package generator command line application
 - Various bug fixes and smaller enhancements.

0.9.1-Beta

- Initial release of the Data Conservancy Packaging Tools

2. Downloads

Latest Versions

The latest stable versions of Data Conservancy Software can be found here. For previous revisions see below.

DCS-Package-Tool 0.10.0-Beta

- [Download DCS Package Tool Command Line Tool \[.tar.gz\]](#) (md5 checksum)
- [Download DCS Package Tool Command Line Tool \[.zip\]](#) (md5 checksum)
- [Download DCS Package Tool GUI installer for Mac \[.dmg\]](#) (md5 checksum)
- [Download DCS Package Tool GUI installer for Windows \[.msi\]](#) (md5 checksum)
- [Download DCS Package Tool GUI installer for linux \[.deb\]](#) (md5 checksum)
- [Download DCS Package Tool GUI installer for linux \[.rpm\]](#) (md5 checksum)

Previous Versions

DCS-Packaging-Tools 0.9.0-Beta

The DCS Packaging Tools is broken down into two separate applications the command line tool named DCS-PKG-GEN and a graphical user interface named DCS-PKG-GUI. See the DCS Package Tools guide for installation and usage instructions.

- [Download DCS-PKG-GEN \(zip\)](#)
- [Download DCS-PKG-GEN \(tar.gz\)](#)
- [Download DCS-PKG-GUI](#)

3. Known Issues

There are a few known issues with the current release. This list represents the ones likely to be seen by administrators or end users of the software.

Package Tool GUI

- Clicking the main application window while "Help" or "About" pop ups are visible causes the application to crash (Mac only)
- We only handle isPartOf relationships between collections and projects. Other isPartOf relationships not handled currently.
- On Mac, during package generation, if you click away from GUI to a screen with different resolution, the success popup will use resolution of the other window, sometimes causing readability issues.
- On the second screen of the GUI, enabling full path text label for the package artifacts' names will cause extra space to be added to the end of each table rows.
- Occasionally if you scroll to the bottom and expand a node, the scroll bar will not readjust to allow you to scroll further unless you scroll up first.

Technical Issues (Archive)

- DROID signature files (used for file format detection) are not the most recent available.