**Batch Builder**

Batch Builder is a Java-based desktop tool that creates batches of digital objects for deposit to the DRS. It is compatible with Windows, Mac and Linux operating systems. Given a directory of digital objects and corresponding metadata, Batch Builder produces a batch.xml batch control file for the batch and a descriptor.xml descriptor file for each object in the batch. Once the batch is prepared, the depositor uses secure FTP (SFTP) to upload the batch to the appropriate DRS drop box.

**Software and documentation for Batch Builder 2 (used with new DRS):**

- Install Batch Builder 2
- Batch Builder 2 User Guide
- DRS Quick Start Reference.

**What digital files are eligible?**

Batch Builder currently supports nine types of digital objects (DRS content models). For more information on which digital files are supported by each content model see the Batch Builder User Guide.

**Who can use Batch Builder?**

Batch Builder is available for use by organizations and individuals who are responsible for deposit of digital files to the DRS. This might include organizations inside or outside of Harvard who play a role in Harvard digitization activities.

To use Batch Builder, a user must be able to supply valid DRS administrative metadata such as DRS owner code, billing code, and an NRS authority path. To deposit batches generated by Batch Builder, a user must be authorized as a depositor and have a drop box account in DRS.

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**Web Admin**

The DRS Web Admin tool allows curators, administrators and depositing agents to create, view, and manipulate their deposited objects and metadata in the DRS. Web Admin also supports maintenance of page-turned objects that are delivered by the Page Delivery Service (a function previously supported by the PDS Maintenance tool in the first-generation DRS).

Access to the DRS Web Admin requires a registered Harvard ID and PIN, and a user account in the new DRS.

**Software and documentation for New Web Admin:**

- Link to New Web Admin (prod): http://nrs.harvard.edu/urn-3:hul:drs2-admin
- Link to New Web Admin (test/qa): http://nrs.harvard.edu/urn-3:hul:drs2qa-admin
- DRS Web Admin User Guide
- DRS Quick Start Reference

**Software and documentation for Old Web Admin:**

- Link to Old Web Admin (prod)
- Link to Old Web Admin (test/qa)
- DRS Web Admin User Guide

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**Wordshack**

Wordshack is a central vocabulary maintenance system designed for use in the context of digital repositories and digital preservation services. Wordshack is a separate system that has been integrated into the new DRS Web Admin to allow easy access for managing controlled terms and applying these terms to objects and files stored in DRS. Terms created in Wordshack can be applied to digital content being prepared for deposit in Batch Builder or EAS (Electronic Archiving System). Terms can also be applied after deposit to DRS via Web Admin.

DRS users who have the **metadata_editor** role are automatically authorized to create Admin Category terms in Wordshack.

**Software and documentation for Wordshack:**

- Link to Wordshack (prod)
- Link to Wordshack (test/qa)
- Working in Wordshack (Web Admin User Guide)
- 7. Managing Controlled Terms in Wordshack (EAS User Guide)

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**DRS Software Release Notes**

- DRS 2.20 Release Notes (Feb 2019)
- DRS 2.19 Release Notes (Sept 2018)
- DRS 2.18 Release Notes (June 2018)
- DRS 2.17 Release Notes (March 2018)
- DRS Batch Builder Release Notes for Version 2.2.11 (September 2017)
- DRS 2.14 Release Notes (July 2017)
- DRS Batch Builder Release Notes for Version 2.2.10 (June 2017)
- DRS 2.13 and Batch Builder 2.2.7 Release Notes (March 2017)
- Batch Builder Jan 2017 release notes (version 2.2.5)
- DRS2 Nov 2016 release notes (version 2.12 and Batch Builder 2.2.4)
- DRS2 Aug 2016 release notes (version 2.11 and Batch Builder 2.2.2)
- DRS2 May 2016 release notes (version 2.10)
- Batch Builder June 2016 release notes (version 2.2.0)
- DRS2 Feb 2016 release notes (version 2.9)
- DRS2 Nov 2015 release notes (version 2.8)
- DRS2 July 2015 release notes (version 2.7)
- DRS2 May 2015 release notes (version 2.6)
- DRS2 October 2014 release notes (version 2.5)
- DRS2 July 2014 release notes (version 2.4)
- DRS2 March 2014 release notes (version 2.3)
- DRS2 First Production Release Notes (version 2.2)
- DRS v2.1.1 Release Notes