Introducing DSpace 3.1

This presentation is an outline of the new features made available for the current release of DSpace, in November 2012, with demonstrations of the most compelling features. The aims are:

1. Give the wider DSpace community a preview in order to facilitate local planning.
2. Generate excitement around the release.
3. Explain the development process and encourage wider involvement.
4. Highlight the work and influence of the DSpace Community Advisory Team (DCAT) in the development process.
5. Give credit to contributors. DSpace is a community project and the work of contributors should be recognized.
6. Outline the bug fixes included with the 3.1 release, made available in January 2013.

New features in DSpace 3.0
(from https://wiki.duraspace.org/display/DSPACE/DSpace+Release+3.0+Notes)

DSpace 3.0 ships with a number of new features. Certain features are automatically enabled by default while others require deliberate activation.
The following non-exhaustive list contains the major new features in 3.0 that are enabled by default:

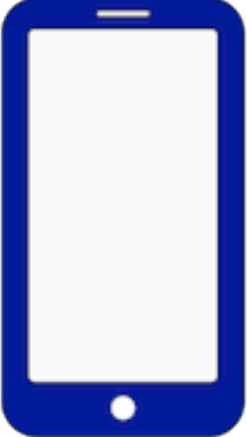|	
	Completely rewritten OAI-PMH Interface Driver and Open-AIRE compatible Allows for multiple contexts (URL endpoints), each with a different configuration 12 default metadata export formats and easy way to write new ones using XSLT Runs on Solr for great performance, legacy mode over DSpace database supported Even faster thanks to caching Kindly contributed by Lyncode
	Improvements to Solr-based Statistics Workflow statistics Search Query statistics Solr version upgrade and performance optimization Kindly contributed by @mire

	Batch import for Bibliographic formats Support for Endnote, BibTex, RIS, TSV, CSV Enhanced batch import routines Kindly contributed by the Greek National Documentation Centre/EKT
	Controlled Vocabulary Support for XMLUI Submission form vocabulary lookup Includes The Norwegian Science Index and the Swedish Research Subject Categories Kindly contributed by @mire's Kevin Van de Velde
	Google Analytics support for JSPUI support for statistics collection by entering the GA key into dspace.cfg Kindly contributed by Denys Slipetskyy
	Improvements to Authentication by Password now stores salted hashes old passwords will continue to work and will be automatically converted to salted hashes on next user login Kindly contributed by Mark H. Wood with the support of IUPUI University Library

The following list contains all features that **are** included in the DSpace 3.0 release, but need to be enabled manually.
Review the documentation for these features carefully, especially if you are upgrading from an older version of DSpace.

	Discovery: Search & Browse Enhancements for XMLUI: Search Snippets Hit Highlighting Related Items Hiding restricted results Kindly contributed by @mire with the support of the World Bank Discovery is now supported in JSPUI (example) Kindly contributed by CILEA
	Item Level Versioning Create and preserve different item versions Enhanced identifiers XMLUI only Kindly contributed by @mire with the support of MBLWHOI Library, WHOI, MBL CLI (HPS), ASU CBS and Dryad
	Advanced Embargo Time based restrictions on both bitstreams and metadata Advanced mode for additional user group restrictions XMLUI only Kindly contributed by @mire with the support of the University of Michigan Libraries
	Mobile Theme for XMLUI (beta) Documentation Kindly contributed by Elias Tzoc and James Russell with the support of Miami University

	Type-based submissions Show or hide metadata fields in the submission forms, based on the type of content submitted Kindly contributed by Nestor Oviedo and SeDiCI
	ElasticSearch-based Usage Statistics scalable ElasticSearch backend, runs on embedded node by default uses Google Chart API for graphs and maps export to CSV available displaying can be either public or restricted Kindly contributed by Peter Dietz with the support of Ohio State University Libraries
	Improvements to LDAP Authentication LDAPHierarchicalAuthentication superseded by LDAPAuthentication, see Enabling Hierarchical LDAP Authentication New option to map LDAP group membership to internal DSpace groups Kindly contributed by Samuel Ottenhoff

Bug fixes in DSpace 3.1

DSpace 3.1 is a bug fix release to resolve any issues located within DSpace 3.0. As it only provides bug-fixes, DSpace 3.1 should constitute an easy upgrade from DSpace 3.0 for most users. No database changes or additional configuration changes should be necessary when upgrading from DSpace 3.0 to 3.1.

This small bug fix release addresses a number of issues that have cropped up since 3.0. These issues include:

• Resolved Oracle Database compatibility issues in 3.0
• Several bug fixes to the new OAI interface (introduced in 3.0)
• Fixed the Discovery "More like this" feature (introduced in 3.0)
• "Porting" of type-based submission feature (introduced in 3.0) to JSPUI

A detailed list of all minor fixes and improvements can be found on the 3.1 Release Notes page: https://wiki.duraspace.org/display/DSPACE/DSpace+Release+3.1+Notes