

entando

ENTANDO 5.1
**TECHNICAL
RELEASE
NOTES**

www.entando.com

ENTANDO 5.1.0

TECHNICAL RELEASE

NOTES

This document contains the release notes for Entando 5.1.0.

PREFACE

These release notes provide a technical introduction to the changes included in Entando 5.1.0, list features that are in technical preview, and include any known issues. Check out our official documentation or our blog for examples and more on putting Entando 5.1.0 to work.

GOAL OF ENTANDO 5.1.0

The goal of Entando 5.0.1 is to further engage our platform with the Modern Applications best practices and to leverage the concept of software reuse as a lever for efficiency, UX harmonization and agility in the future of enterprise applications. The 5.1.0 release also contains a number of updates and defect fixes.

NEW CAPABILITIES AND FEATURES

DOCUMENTATION AND DEPLOYMENT

- New OpenShift templates and documentation including a new getting started experience to deploy Entando applications on OpenShift
 - See: <http://docs.entando.com/#entando-on-openshift>
- New examples, documentation, and templates to deploy Entando applications and AWS, Azure, and Google Cloud Engine using Kubernetes
 - See: http://docs.entando.com/#_cloud_deployments_on_aws_azure_and_gce
- Added documentation and examples for deploying using an Oracle database

CONTENT MANAGEMENT

- The Entando CMS now gives the content editor the ability to crop, flip, and generally interact with an image uploaded to the application. This includes the ability to define pre-built crop ratios that are available to image editors
- The digital assets section of the CMS now allows for multiple images or attachments to be uploaded concurrently
- Metadata attached to images can now be stored attached to an image and that metadata can be used to automatically populate attributes defined in content

types. For example, a description metadata tag on an image can be used to populate a caption or text in the content

- The Entando CMS now supports the manual upload of very large files via digital assets. The files are loaded in chunks using base 64
- The Entando CMS now allows for configuration to exclude content by id and by type from versioning plugin. Generally useful when high volume content delivered by API is generating large numbers of history records.
- For updated CMS documentation and how to use the new features see:
 - http://docs.entando.com/#_content_management_system

DIGITAL EXCHANGE

The release of Entando 5.1.0 includes the tech preview release of the Entando Digital Exchange which is a new model for distributing and installing Entando components. This release includes the ability to install and manage all of the UI elements of an Entando application. Follow our blog and YouTube channels for more to come on the Digital Exchange.

For documentation and getting started see:

http://docs.entando.com/#_digital_exchange

APIs AND ENDPOINTS

- Added new PATCH API capability to merge changes to page settings endpoints and established the framework for applying a PATCH in a custom API
- Added the refresh token flow for OAuth and implemented token refresh in the App Builder
- Added JSON REST APIs for content models and content types

FIXES AND UPDATES

- Resolved an issue where joinGroups weren't updating on PUT calls
- Resolved an issue in App Builder where in some cases the locale of the App Builder was lost on a refresh
- Updated processing around category creation when creating a new category during the content creation workflow
- Updated errors in the Inspinia and PAM page models included in the PAM template
- Resolved an issue where datatype date attributes were not returned correctly in the app builder and updated data type actions in app builder
- Resolved an issue where page model titles were not displayed correctly in some cases
- Resolved an issue in the CMS where the action button could become replicated
- Resolved issues related to moving page nodes in the App Builder
- General locale and translation updates for App Builder in Italian
- Resolved CMS image category and search issues related to category join groups
- Updated file download flow in the CMS to correctly download files on all browsers
- Updated scripts and builds to resolve issues in Windows

NEW CAPABILITIES IN INTEGRATION WITH RED HAT PAM

- Added a new widget to display task details related to a selected task in Red Hat PAM. See PAM Process Task Detail widget in the app
 - Added a new widget to allow a task form to be displayed independently on a page (the modal dialog functionality is unchanged.) See PAM-Task Form by DataType
 - Added significant new configuration options to the PAM Datatable task list widget including
 - Added configurable ability to claim a task directly from the task list
 - Added configurable ability to open a new page with task details when clicking on a row in the task list
 - Added the ability to include task variables as columns in the task list
- Added the ability to disable the complete button in the task list
- Added process diagram widget to Inspinia BPM default widgets
 - Updated case comment

CHANGES AND UPDATES IN 5.1.0 IN INTEGRATION WITH RED HAT PAM

- Resolved an issue viewing the SVG for the process diagram based on browser updates
- Resolved an issue where task details wouldn't populate in some forms
- Updated integration with PAM based on integration with additional process and task configurations in customer test cases
- Updated task buttons to be fixed on the left hand side of task table
- Resolved an issue rendering and selecting checkbox values in forms
- Updated and resolved issues in form submission process for complex forms
- Various updates to task list to support integration with additional PAM field types
- Fixed round tripping for null values in forms and checkboxes

KNOWN ISSUES

- There is a known issue rendering the case comments widget independently. A patch will be provided to resolve this issue.
- On AWS and Azure there is a library missing to run the demo on Wildfly. A patch will be provided to resolve this issue.

VERSIONING INFO

Jars and artifacts included in this release:

ARTIFACT	VERSION
entando-core	5.1.0
entando-archetypes	5.1.0
entando-ux-packages	5.1.0
entando-components	5.1.0
app-builder	5.1.0

SOFTWARE REQUIREMENTS

- Java 1.8
- npm 5.6.0+ (for ReactJS front ends)
- Maven 3.0.5+
- Ant 1.8.0+

LEGAL NOTICE

- LGPL v2.1 License for the Core
- MIT License for the components

LINKS AND RESOURCES

Explore the code on GitHub: <https://github.com/entando>

See our Getting Started guide: <http://docs.entando.com/#getting-started>

See our Custom App Building guide: http://docs.entando.com/#_custom_app_building_with_entando

Contribute to the software: <https://central.apps.entando.com/en/community.page>

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