

# Release Notes v2.0.0

panagenda is proud to announce this new release of iDNA Applications. Whether you're in a Notes/Domino modernization or migration project, iDNA gives you the knowledge to deliver the most difficult projects efficiently, on time and on budget. This new major version brings a ton of value with many new features, improvements and bug fixes.

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## Highlights

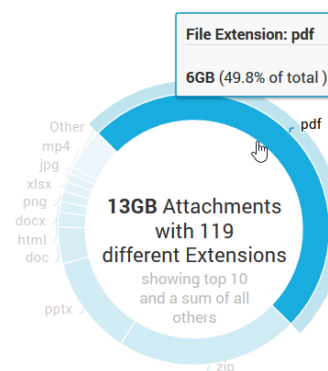
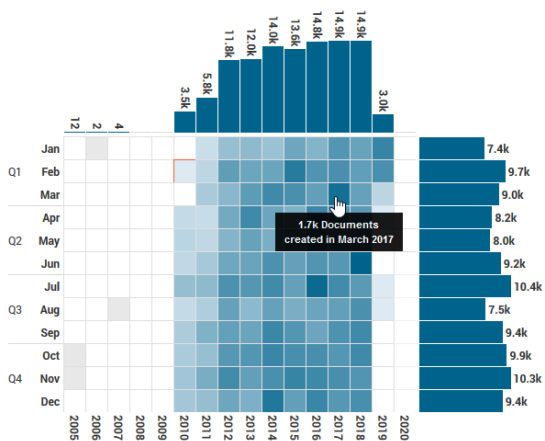
### Content Analysis

With the analysis of database content, iDNA Applications now provides a crucial new insight into the challenges that come with transforming an application. Document metadata (e.g. date created, last modifier, form name) is analyzed and reported on for a variety of use cases around migrating and modernizing your applications.

Topics analyzed include:

- Attachments (amount, size, file types ...)
- Content age (creation and modification history)
- Content editors
- Document structure and used Forms
- Encryption and signature
- Reader and Author fields
- Special objects in Richtext

Creation History: Number of Documents



The new Content Analysis feature also brings an update to the licensing system. Content scans are licensed on a per database basis, so you can pinpoint exactly for which databases you require this in-depth analysis. See [this article](#) in our knowledge base for additional information on how to get your free licenses.

## Custom Application Properties

A feature that many customers and partners have been asking for is the ability to enrich the application catalog with your own information inside iDNA Applications. The new version comes with a set of pre-defined properties like e.g. "Complexity Estimation" or "Business Owner", but the system is fully flexible and allows the creation of custom properties depending on your specific needs. There are several different types available for these fields to make user interaction as smooth and comfortable as possible: selection boxes with pre-defined value lists or a name picker based on your own user, group, department and location names are two that will come especially handy.

Edit Custom Properties: Financial Reports Application

Business Owner

Finance Department

Complexity Estimation

a,b

High

Cost Center

Very High

Disposition

a,b

High

Medium

Transformation Target

ab

Low

Status

a,b

Very Low

VIP Attention

a,b

Yes

Save and Close

Revert all

These new properties are available for database instances and replica sets. Both can be configured individually for maximum flexibility. This feature comes with a brand new API to access and edit these properties from external sources. See [this knowledge base article](#) for more details on the API.

## Instant Usage History

We have added a new source of usage history by reading a DBs own activity records (DB Properties > Info > Activity > User Detail). The data collected that way will seamlessly integrate with session data, which will remain the main data source for usage related information. The main benefit with this feature is that basic usage information spanning weeks or months of history will be available a few days after the setup of iDNA Applications.

iDNA Applications™

Overview

Catalog

Databases

Replica Sets

Servers

Discrepancies

M Consolidation Potential

M Database ACL Search

Usage

Design

Custom Insights

Upgrade your Experience

Databases

Search in all fields...

FILTER

Database Details

CSV

EXCEL

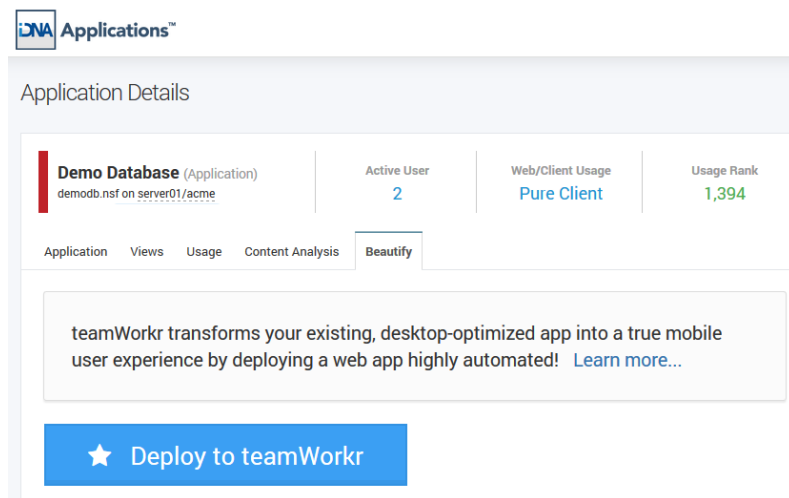
| <input type="checkbox"/> | Title   | DB User Activity History Start | DB User Activity History Until | Log Sessions Collection Start | Log Sessions Collection Until |
|--------------------------|---------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|
| <input type="checkbox"/> | Example | Jul 25, 2016                   | Mar 1, 2017                    | Mar 7, 2017                   | Jun 9, 2020                   |
| <input type="checkbox"/> | Example | Jul 25, 2016                   | Mar 1, 2017                    | Mar 7, 2017                   | Jun 9, 2020                   |
| <input type="checkbox"/> | Example | Jul 19, 2016                   | Mar 1, 2017                    | Mar 7, 2017                   | Jun 9, 2020                   |
| <input type="checkbox"/> | Example |                                |                                | Mar 8, 2017                   | Apr 22, 2020                  |
| <input type="checkbox"/> | Example | Nov 16, 2012                   | Feb 27, 2017                   | Mar 7, 2017                   | Jun 9, 2020                   |
| <input type="checkbox"/> | Example |                                |                                | Mar 8, 2017                   | Apr 22, 2020                  |
| <input type="checkbox"/> | Example | Feb 27, 2017                   | Feb 27, 2017                   | Mar 7, 2017                   | Jun 9, 2020                   |

This data source has several caveats though. Collection might not be enabled for all databases. Only a few hours of history might be available on very busy databases, while months of history is available for others which are rarely used. Data quality in general is not on par with session information from log.nsf, which is the main data source for usage information.

To gather this data, a design re-scan has to be performed on each database. This can be triggered manually on the "Design Analysis Status" page which can be accessed via the "Settings" menu.

## teamWorkr Integration

In an exciting new collaboration between panagenda and our partner [Team Technology](#), iDNA Applications now comes with the ability to deploy applications directly in teamWorkr. With teamWorkr you are able to transform your existing, desktop-optimized, sometimes old fashioned Notes applications within a few minutes into a true mobile user experience. This highly automated web application deployment offers an extremely powerful rapid development framework. teamWorkr also gives you the ability to transfer your proven business logic and code base into the mobile world and display it with beautiful user interface.



The screenshot shows the iDNA Applications interface. At the top is the iDNA Applications logo. Below it is a header 'Application Details'. The main content area displays information for 'Demo Database (Application)' with the path 'demodb.nsf on server01/acme'. To the right of this are three metrics: 'Active User' with a value of 2, 'Web/Client Usage' with 'Pure Client', and 'Usage Rank' with '1,394'. Below these metrics is a navigation bar with tabs: 'Application', 'Views', 'Usage', 'Content Analysis', and 'Beautify'. The 'Beautify' tab is selected. Below the navigation bar is a text box stating: 'teamWorkr transforms your existing, desktop-optimized app into a true mobile user experience by deploying a web app highly automated! [Learn more...](#)'. At the bottom is a blue button with a star icon and the text 'Deploy to teamWorkr'.

To use this new feature, you need an installation of teamWorkr, which is not included in iDNA Applications. See [this knowledge base article](#) for more details on how to get started.

## New Features

**Agent List:** A new dashboard is available that displays details on agents in a database.

**Database ACL:** A new dashboard is available that displays details on the access control list.

**Database Encryption:** A new property in database instance details will display the encryption state of the database.

**Database ODS:** A new property in database instance details will display the ODS version of the database.

**Database Types:** New ETL properties have been added that make it possible to prevent the detection of user mail files and orphans/archives. This can be especially useful in situations where Notes is not the primary mail system anymore.

**Language Support:** With French, an additional language has been added to the user interface.

**Server Decommissioning:** New ETL properties have been added that now give control over how iDNA Applications handles DBs that are on server with no recent activity.

## Improvements

**Design Similarity:** It is now possible to export a list of all databases that belong to a certain cluster or sub-cluster directly from the Similarity interface.

**Design Similarity:** The database instance grid now contains columns that show which similarity cluster and sub-cluster a database belongs to.

**ETL Actions:** The ETL action interface has been slightly re-designed to avoid triggering unintentional actions.

**Excluded Users:** A new functionality has been added in ETL actions that allows triggering the deletion of user activity that belongs to excluded users who were previously not excluded.

**Metabase Upgrade:** Metabase has been updated to version v0.35.x

**Org-Structure Reset:** A new functionality has been added on the "Org Structure" page that allows resetting of user, department and location connections.

## Bug Fixes

**Catalog Grids:** Database types will now be handled the same way in both the database instance as well as the replica set grid.

**Catalog Grids:** Databases without a title will now be displayed in a similar fashion in both grids.

**DB Type Filter:** A bug has been resolved that resulted in not showing DBs of type "User Mailfile" and "Orphans/Archives" even after the "Show only Focus DBs" filter was removed.

**License Notification:** An issue has been resolved in a license expiry email that would lead to displaying programming placeholders instead of the values behind them.

**Server Status:** A bug has been fixed where the "Data Processed > Max" column would show no data.

**Server Status:** An issue has been resolved where the server status would display OK if no data had ever been collected from a server.

**Stability:** Additional measures have been taken to improve and scale nightly data warehouse processing.

**Stability:** An issue has been resolved where in rare situations the nightly rebuild of Domino View information would cause a crash in database backend.

**Usage Similarity:** Fixed an issue where in specific situations the mouse-over a bubble would show "undefined" instead of the Cluster ID.

**XPages Code:** An issue has been resolved where Custom XPages Controls would be displayed as XPages lines of code. Note: lines of code are not available for XPages.

## Structural Changes / Upgrade Path

### Data Warehouse Rebuild Required



#### DWH Rebuild Required

After installing the update, parts of the application may not be available until the data warehouse is rebuilt. This process runs automatically at night, but can be triggered manually after the update. On the first login after the installation, more information on this topic will be displayed, along with the option to trigger the rebuild.

### Content Analysis License - Connecting to panagenda.com



#### Browser Connection to panagenda.com

This new licensing method requires a previously extremely rare connection to panagenda servers in order to verify the per-database license. This connection **WILL NOT** originate on the appliance, but rather be initiated from the users web browser during the first scan of a database. No information except a customer identification and the application's Replica ID will be transmitted.

Thus, an internet connection is required from the web browser that initiates the first content scan of a database. If this should not be possible in your environment, please contact [support@panagenda.com](mailto:support@panagenda.com) for an alternative solution with manual assistance.

### Upgrade Procedure: Container Installer

Details on how to update to this new version can be found in the knowledge base article [Upgrading iDNA Applications](#).

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