

Release Notes v2.1.0

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 version is mainly a maintenance release, but brings a lot of value with new features, improvements and bug fixes.

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Highlights

Departments for Content Editors

The list of document editors in the Content Analysis area of database details now holds information about user department and location. This new feature is especially useful when user names have to remain pseudonymized due to data protection regulations.

List of Editors (Creations & Modifications)

Search

↔ CSV EXCEL

3 Unique Editors

Username	Type	Department	Location	Number of edited documents		As last modifier
John Demo/Acme	User	Marketing	New York	355		355
Buck Rogers/Acme	User	Sales	Berlin	3		3
Flash Gordon/Acme	User	Marketing	Vienna	33k		32k

Columns

User/Application Activity Drill-down

A new dashboard named "Advanced: User Activity Drill-down Analysis" has been added and can be accessed in the menu under "Usage" "By User". The main reason for adding the dashboard was the need to dynamically answer the question: "Which users have accessed which type of applications in what time period?". Not surprisingly, these factors are weighted differently by different customers. Especially the period of time it takes for an employee to count as "inactive".

Advanced: User Activity Drill-down per Replica Set ⓘ

■ y50. By User

Time Period
Previous 90 Days ×

User Name
John Demo/Acme ×

DB Type
2 selections ×

Replica ID

Note: This is a drill-down into raw data tables. Please allow some additional time for query results to be calculated.

User Activity Drill-down per Database ⓘ

^ User Name	^ DB Title	^ DB Type	^ Replica ID	^ Last Access Date	^ Last Write Date
alexander.klein@paragonix.com	John's Mailbox	Application	C:1257E5A000000000	Jun 21, 2021	Jun 14, 2021
alexander.klein@paragonix.com	Contractor Signature Config	Application	C:1257E5A000000000	Jun 1, 2021	-
alexander.klein@paragonix.com	IT Admin Tools	Mailin Database	C:1257E5A000000000	Jun 21, 2021	Jun 21, 2021
alexander.klein@paragonix.com	Office Tools	Mailin Database	C:1257E5A000000000	May 27, 2021	May 10, 2021
alexander.klein@paragonix.com	John's Personal Calendar - Client	Application	C:1257E5A000000000	Jun 21, 2021	May 26, 2021
alexander.klein@paragonix.com	Quarterly Review	Application	C:1257E5A000000000	Jun 21, 2021	Jun 4, 2021
alexander.klein@paragonix.com	Quarterly Review	Application	C:1257E5A000000000	Jun 16, 2021	-
alexander.klein@paragonix.com	Time Tracking	Application	C:1257E5A000000000	Jun 18, 2021	Jun 18, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C:1257E5A000000000	Jun 18, 2021	Jun 18, 2021
alexander.klein@paragonix.com	Webinars	Application	C:1257E5A000000000	Jun 18, 2021	-

That is not all, however. The dashboard allows for the ability to drill through to the replica set level directly from within the table. This enables drilling down further into the follow-up question: "Who else used this database, and in which time period?".

Advanced: User Activity Drill-down per Replica Set ⓘ

■ y50. By User

Time Period
Previous 90 Days ×

Aa User Name

DB Type
2 selections ×

Replica ID
acme/VacationManagement.nsf - C1257E5A00000000 ×

Note: This is a drill-down into raw data tables. Please allow some additional time for query results to be calculated.

User Activity Drill-down per Database ⓘ

^ User Name	^ DB Title	^ DB Type	^ Replica ID	^ Last Access Date	^ Last Write Date
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	Jun 18, 2021	Jun 18, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	Jun 7, 2021	Jun 7, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	May 28, 2021	May 28, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	Jun 21, 2021	Jun 21, 2021
John Demo/Acme	Vacation Management	Application	C1257E5A00000000	Jun 9, 2021	Jun 9, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	May 27, 2021	May 27, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	Jun 17, 2021	Jun 17, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	May 3, 2021	May 3, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	May 18, 2021	May 18, 2021
alexander.klein@paragonix.com	Vacation Management	Application	C1257E5A00000000	Jun 15, 2021	Jun 15, 2021

Questions following this line of thinking are extremely valuable when it comes to identifying application owners and stakeholders.

Improvements

DB Type Re-categorization: It is now possible to prioritize DB re-categorization rules higher, by adding a * at the beginning of their name. This works on four levels, with three leading asterisks as the highest priority and the current non-asterisk format as the least prioritized.

For example: the rule named "****Highest Priority" will be prioritized over "***Higher Priority", which again is prioritized over "**High Priority". All of these are prioritized over the rule named "Normal Priority".

Department/Location Import: An advanced feature has been added that allows you to programmatically manipulate collected department and location data during automatic processing. To use this new hook function, please contact support@panagenda.com.

Department/Location Processing: This new version now makes a clearer distinction as to which users get the department/location "Company [ID: 1]" and "Unknown [ID: -1]". The designation "ID: 1" applies to all users that cannot be linked to a specific department, but have person records in the Domino Directory and can thus be linked directly to the top-level organization. The designation "ID: -1" is the unknown department/location for users where activity is present, but they cannot be linked to the current organization structure via the Domino Directory. A typical example of who would fall under the designation "ID: -1" would be those users that are no longer with the company. Thus it is easier to distinguish between the "current users" and the "users who were active in the past".

Content Analysis: Attachment file extensions were previously treated case sensitive (file1.pdf vs FILE2.PDF). While the case could be made that this technically makes sense, the overwhelming feedback from our customers and partners has been to instead treat it case insensitive. For example: if a document has two attachments file1.pdf and FILE2.PDF, they will both be processed as a single attachment extension category "pdf", rather than two separate ones.

Domino Binaries: iDNA now uses HCL Domino 11 FP3 components to perform design exports. HCL has done great work on the DXL exporter code, so the result of this update should result in significantly fewer databases with design scan errors.

Metabase Upgrade: The integrated Metabase application has been upgraded to the latest version. Improvements include better filtering, easier and more powerful dashboards and chart creation abilities.

Bug Fixes

General UI: A potential issue with caching has been fixed. This bug could lead to outdated data being displayed in the user interface.

Catalog Grids: An issue has been resolved that led to several dates (e.g. Last Access, Last Write) in catalog grids being displayed incorrectly due to time zone conversion being erroneously performed twice.

Catalog Grids: A bug has been resolved that led to the header text of the first column ("Title") of an Excel export being empty. The data for the column itself was present, but the header text was empty.

DB Type Categorization: Deleted databases will now be excluded from calculations when trying to determine the correct DB Type for a replica set. In rare situations this could lead to incorrect db categorization.

Agent List Processing: A potential issue has been fixed where nightly processing of agent data could crash in the case of invalid date content.

Docker Containers: The panagenda_idna container now properly displays its health status and does not report "unhealthy" anymore unless there is a real issue.

Views Processing: Views are now handled and categorized properly. Several factors lead to potential issues in the categorization of Views and Folders during processing Design data.

Department/Location Processing: An issue has been fixed that occurred in rare situations when a certain combination of characters were part of a department or location that are considered to be special characters in PostgreSQL.

Department/Location Display: In database details under the tab "Usage", the correct time frame of 90 days for the data shown is now being displayed to avoid confusion.

Nightly Data Processing: A rare issue has been fixed that would lead to an error during nightly processing.

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.

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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