BOI FreeDa

Audit-proof data management
for relational databases

5.0 Release Notes

Confidentiality level: public
Date: 31.01.2025

Your contact:
Dr. Frank Sinner
Spazgasse 4, A-4040 Linz
email : frank.sinner@boi.at
phone: +43 (0) 732 736423 - 0

Further information can be
found at boifreeda.com

BOI
BETTER
ORGANIZED
INFORMATION

CONTENTS

1 General information on the release

BOI FreeDa 5.0.0 will be released on 31.1.2025. The maintenance of this release ends on 31.1.2029.

The installation is carried out using a Docker image. The corresponding installation manuals can be found in the customer portal on our website. These also contain important information on compatibility and minimum requirements.

Customer requests result in entries in our BOI FreeDa Error / Change Request list which can also be found on the customer portal of our website.

Information on new features and improvements to existing functions can be found in chapters 2 and 3.

2 New features

Note: the new features generally apply to all BOI FreeDa products. If they only apply to one or more specific BOI FreeDa products, the chapter is marked with the symbol for the edition or for the add-on.

Table Edition: ⊓   Workflow Edition: ∿   Staging Add-on: →

2.1. Keyboard navigation

Experience a new, fast, and intuitive way to use BOI FreeDa – now with hotkey support! Use universal and browser independent hotkeys like Ctrl+C or Ctrl+F to optimize your workflow. In the BOI FreeDa help you will find two documents that give you an overview of the hotkeys. You can print these out at any time to look up specific key combinations.
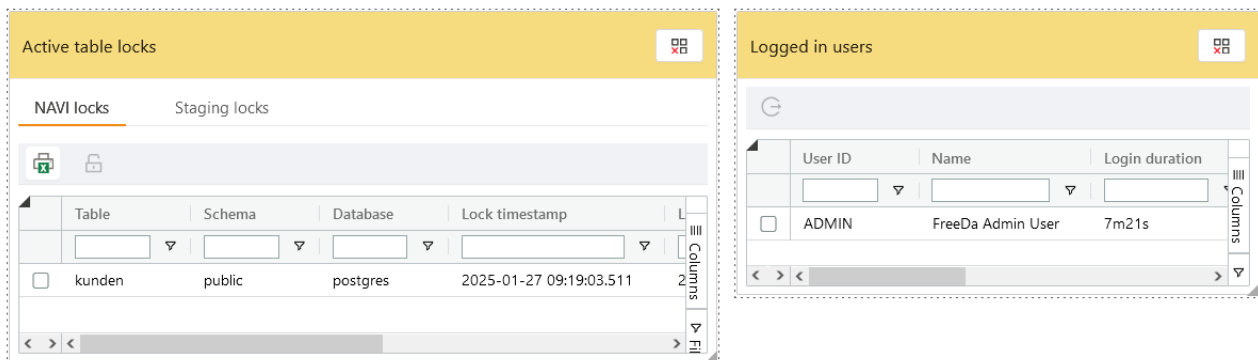
	cities	public	postgr
☆	continents	Open table in maintenance mode	Ctrl + Enter
☆	countries	Open table in display mode	Alt + Enter
☆	kunden	Activate package	Alt + Shift + Q → O
☆	states	Reset maintenance status to 'Edited'	Alt + Shift + Q → .
☆	vertrag	Perform emergency activation	Alt + Shift + Q → -
		Cancel maintenance process	Alt + Shift + Q → Esc
		Remove table lock	Alt + Shift + Q → X
		De-/select all rows	Alt + A

2.2. Dashboard basis

From now on, you can create dashboards that clearly display functions and information in widgets – depending on your individual authorizations. This saves you time and reduces unnecessary clicks.

Especially for administration there are two new useful functions in the dashboard: „Remove table lock" and „Logging out users". You can find more information in the help.
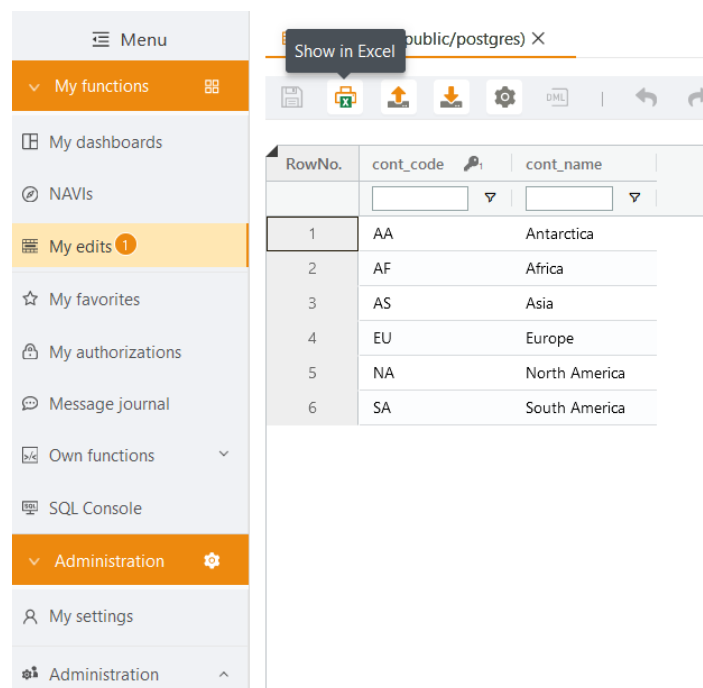
2.3. BOI FreeDa is now available in English

A major milestone for BOI FreeDa: The software is now fully available in English! This means that you can use BOI FreeDa beyond German-speaking countries. The Help is also available in English to ensure a smooth start and support for all users.
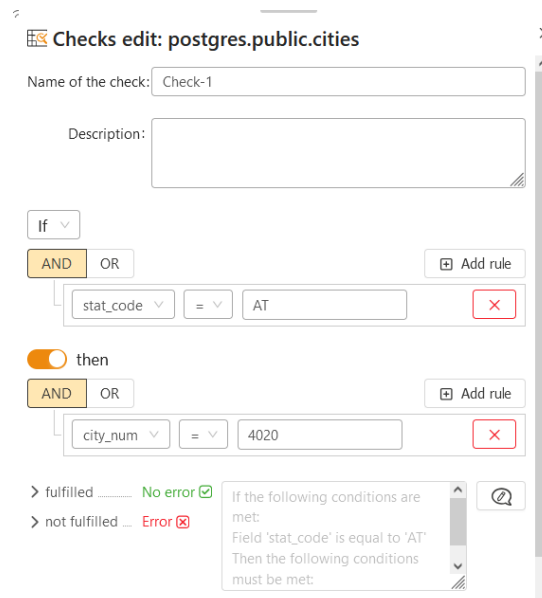
2.4. New administration interface for checks

Users with the appropriate authorizations, but no technical programming skills, can now easily create, edit and delete checks. Thanks to the user-friendly specifications and rules, creating checks is intuitive and quick.

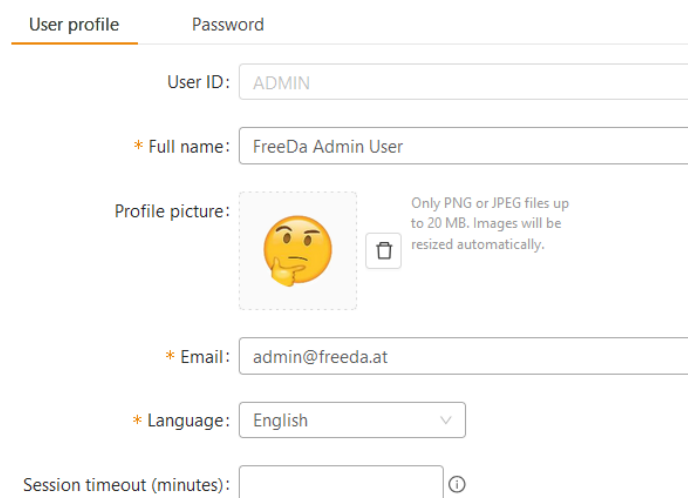## 2.5. Extension of the user profile: More personalization in BOI FreeDa

The user profile in BOI FreeDa has been enhanced and now offers more options for personal customization. You can now add a personal profile picture, set your preferred language, and define an individual session timeout.
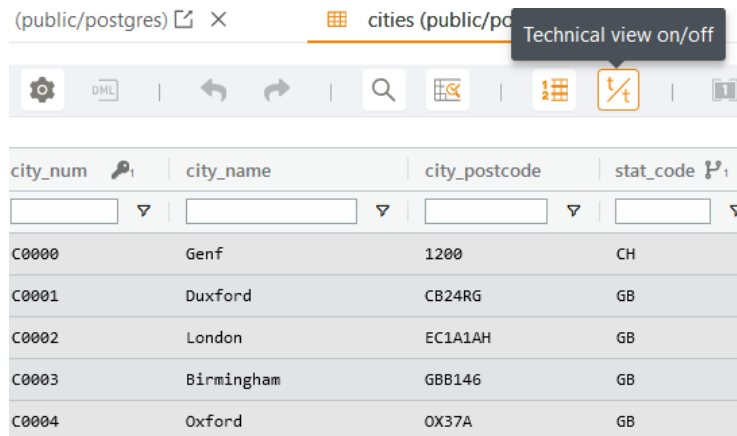
2.6. Operating BOI FreeDa in several browser windows

You can now display open tables in an additional browser window. Thanks to the new function, you can work even more efficiently with BOI FreeDa: Particularly with critical data that requires a comparison between several tables, this saves you the tedious switching back and forth between tabs during table editing.

2.7. Technical representation for table data

With the new toogle function „Technical display on/off", you can switch the view of your table to a monospaced font. This font is particularly useful for structured data, as cells with different content but the same number of characters are displayed in the same length. This allows the positions of the characters to be recognized quickly and precisely. Click on the symbol again to switch back to the proportional font - for maximum flexibility in the data display

3 Improvements and additions

3.1. Referential integrity

The RI links in BOI FreeDa have been extensively expanded to enable more precise management of relational data. The new features include:

» Automatic cascade actions: Configurable deletion (cascade delete) or prevention of deletion processes (restrict) with references to referenced data in child tables.
» Extended support: RI links are now also available for numeric and timestamp fields.
» Improved metadata output: additional information on parent-child definitions is displayed to make relationships more transparent.
» Optimized RI editor: with the new information column, not only selectable values are displayed when editing the tables, but also the associated additional information.

3.2. Improved evaluation of the revision log

The evaluation of logging in BOI FreeDa has been extended to enable more precise traceability and management of log data. These improvements make the revision log evaluation more efficient and flexible.

» Integration of outsourced log versions: It is now possible to integrate outsourced versions of the table log into the current log to ensure a complete history.
» Optimized cache management: caches after activation can be automatically deleted with a parameter.
» Consideration of archived entries: Archived log entries are now included in the evaluation, which guarantees complete traceability.

3.3. Automatic chaching during session timeout

Never lose unsaved changes again: With the new automatic caching feature, BOI FreeDa ensures that your work stays safe. If a session is automatically ended after 30 minutes of inactivity, unsaved changes can now be cached without activation using a parameter in BOI FreeDa.

3.4. Table comparison and row positions

The table comparison in BOI FreeDa is now even more flexible and user-friendly with a new feature: With the parameter „UseKeyMergeForTableComparison", you can define the default setting for handling key changes.

You decide how changes are displayed:
» As new/old when the key of a row changes, or
» changed to display key changes.

3.5.   Scripting functions in BOI FreeDa

The new scripting functions in BOI FreeDa provide greater flexibility and control for management and automation. Here is an overview of the most important new functions:

» Extended error handling: Define termination criteria or specify error messages (list of message keys).
» Suppress specific messages as needed.
» Send notifications directly from scripts.
» Authorization management: Enter, delete and evaluate authorizations.
» Migrate Tabex4 tables to BOI FreeDa.
» Manage FreeDa index (add, remove tables)

4   Extensions in BOI FreeDa Staging

4.1.   Delete parked tables

With this new function, you can easily delete parked table states from the staging process. This option is available in both the StagingNAVI and the Staging orderNAVI via the context menu (right mouse button) or via hotkeys.

4.2.   Apply cross-stage checks

This new feature is especially useful for staging, allowing you to check tables across environments using the same checks. This saves time, as checks only need to be defined once and don't have to be recreated multiple times. In the control table „checkstageassignment", you can specify which tables are assigned to which checks. This feature is also available for migrated TABEX tables.

BOI – FOR YOUR BETTER ORGANIZED INFORMATION

Convincing Quality

Efficient and audit-proof.

High-performance and ultra-fast.

Company-wide use for all databases and operating systems.

Efficient Service

Over 45 years of experience.

Excellent, dedicated team.

One-stop consulting, technology and implementation.

BOI - We set an example.

Our vision is a society in which economic management goes hand in hand with social commitment and ecological action.

Our mission is to make the best possible contribution to ensuring sustainable development on an economic, social and ecological level.

We want to operate in a net zero manner from 2026 and are already taking numerous measures to reduce our greenhouse gas emissions.

We pay attention to the well-being of our employees and take measures to protect their health. We consistently donate 10% of our annual profit to social and environmental organizations.