New Features
ibaDatCoordinator v2.2.0

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1   New dat-file format

The dat-file format was changed and enriched with several additional features. The most important are:

- A better compression rate
- Higher module and signal numbers possible
- Any text information in the dat-file encoded in UTF-8 encoding
- Supported file size up to 64 GB

Important:

The files generated by ibaPDA-V7 can be opened with ibaAnalyzer v7.0.1 (or higher) only, and are not supported by ibaAnalyzer-V6 and below. However, downward compatibility is guaranteed and older dat-files created by ibaPDA-V6 can be opened with all versions of ibaAnalyzer.

1.1   Dependencies

The following iba products do create the new dat-file format only:

- ibaPDA v7.0.0 or higher
- ibaDatCoordinator v2.2.0 or higher (Splitter task)
- ibaAnalyzer v7.0.0 or higher (Export and Extract)
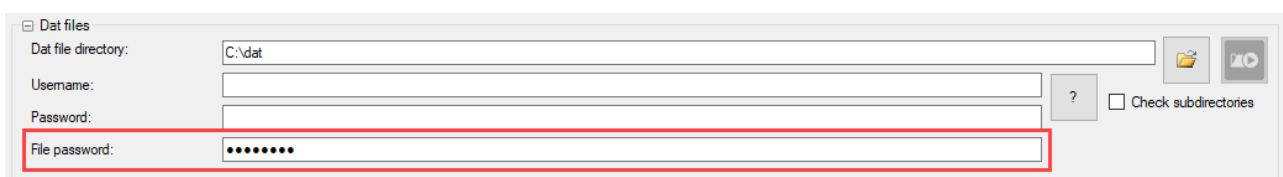- ibaFiles-V7-Pro

The new dat-file format cannot be opened or used with older iba products. Note that when using the new dat-file format anywhere in your toolchain, all involved iba products need to support the new dat-file format. The following products support the new dat-file format:

- ibaDatCoordinator v2.2.0 or higher
- ibaAnalyzer v7.0.0 or higher
- ibaHD-Server v2.3.0 or higher (if the dat-file import is used)
- ibaPDA v7.0.0 or higher (if the playback function or the ibaQPanel Offline trend graph is used)
- ibaDaVIS v2.2.0 or higher (if dat-file signals should be visualized)
- ibaFiles-V7-Lite and ibaFiles-V7-Pro

1.2   Password protection

ibaAnalyzer-V7 and ibaPDA-V7 support the creation of password protected dat-files.

To process password protected files in ibaDatCoordinator, enter the password in the "File password" field. The password is automatically saved for the job.

When using a splitter task, ibaDatCoordinator also writes password protected files. Here the same password as specified in the "File password" field is used. This means that all password protected files have the same password as the original file.

Additionally, it is possible to add a new password to the split files, if no password was present before.
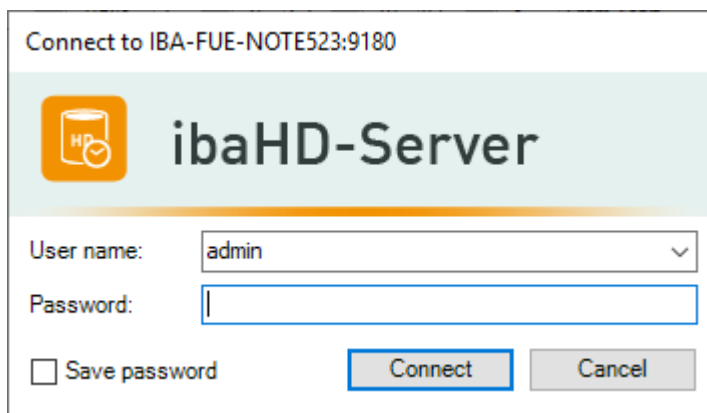
2   ibaHD server connection and user management

In ibaDatCoordinator the "Scheduled Job", the "Event Job", and the "HD import task" need a connection to an ibaHD-Sever. The HD connection pane is always showing the current server and port, the currently logged in user to the ibaHD-Server, and the available stores.

In order to set up the connection to an ibaHD server, press the "Select server" button and select a server in the provided dialog by using the auto-detect list or entering the PC name or IP address.

Starting with ibaHD-Server v2.3.0, the user management has been extended. User privileges such as read and write access can be configured separately for each HD store. If an ibaHD-Server with activated user management is selected by pressing "OK", a password prompt is shown automatically. User name and password is required to validate the connection.
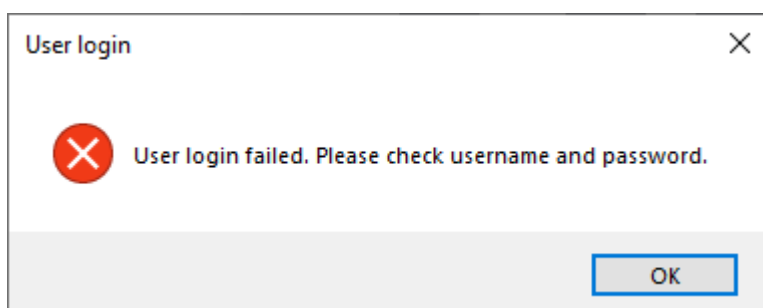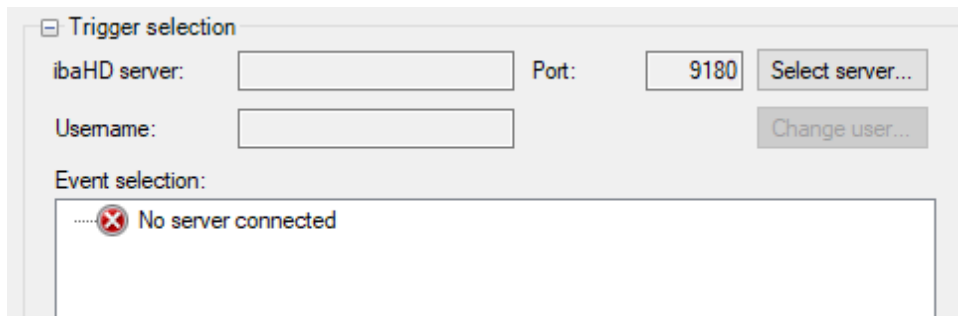
If no correct password is specified, an error message is shown.

If no correct credentials were entered or the connection to the server cannot established for some reason, an additional error message is shown instead of the HD store list.

The credentials are stored in the job configuration. To change the user logged in to the selected ibaHD-Server, use the "Change user" button.

2.1   User management for older versions of ibaHD-Server

In ibaHD-Server v2.2.5 or below it is also possible to activate the user management. However, it is not possible to grant HD store specific read and write access. To connect to such a HD server with activated user management, it is required to enter the user name and password. All configured stores are available.