



Bug Fix List

List available [here](#)

Previous release:

- [bug fix list for 4D v17 R2](#)
- [bug fix list for 4D v17](#)

Minimum requirements for Windows 7D

Windows 7: It is strongly recommended to install all available Microsoft updates (use update dialog in system settings). The KB2999226 update (released 9/2015) is mandatory to avoid errors regarding api-ms-win-crt-runtime-1-1-0.dll. Microsoft has already stopped Windows 7 support and the extended support (security fixes) will end soon (Jan/2020). We suggest updating to Windows 10.

End of 32-bit support

The next R-release (4D v17 R4) will be the last to include a 32-bit version . 4D has decided to stop producing 32-bit versions as of v17 R5.

Hesitation resizing 4D windows on macOS Mojave (10.14)

When a user resizes a 4D window, an hesitation occurs with the border of the window flashing in black. This happens on macOS Mojave in compiled or interpreted mode.

Better detection of Blob parameters

The compiler has been enhanced to better detect a mismatch when using Blob variables. The compiler in 4D v17 R3 will display an error when a command requires a Blob but receives a non-Blob parameter.

Possible issue with indexed object fields

Depending on stored data and the way the data was created, an index of object fields can be incorrect (databases created with 4D v15-v17, including 4D v17 R3). This is an extremely rare



occurrence and not reproducible. A part of the issue stems from having objects with property names using special characters such as . ' " []. This may cause the index to become corrupted and querying attributes in object fields could fail (ACI0098796). To prevent this from happening, it is recommended to avoid using special characters in property names. To reduce the risk of accidentally using special characters in property names, future versions of 4D (v17.1 and 4D 17 R4) will internally handle them, but will require re-indexing the database.

Date format in 4D View Pro to be upgraded

4D v17 R3 makes it possible to convert 4D View forms that use methods to 4D View Pro forms. Date and time format parameters given to these methods, will be converted into C_TEXT in an ISO format. In 4D v17 R4, dates and time will be converted into objects with two properties: one for the date (C_DATE), the other for the time (C_TIME).

Localization issue with Date & Time expressions on macOS Mojave (10.14)

When macOS Mojave uses a localization that doesn't exist in 4D, the date and time might be displayed in US format. For example, if the Mac client uses the Italian localization, for which the "it.lproj" doesn't exist, the date will be displayed in a US format.



Multiple issues with web areas on macOS Mojave (10.14)

With 4D 32-bit version on macOS Mojave, the web area (system and integrated) has several issues such as not loading/displaying the integrated web area. For the system web area: the mouse icon won't change when the cursor hovers over a link ; links may work only with a double click. It is not expected that Apple will fix these problems with 32-bit Web Kit, they recommend using 64-bit products (use 4D v17 R3 version in 64-bit architecture).