



## Bug Fix List

List available [here](#)

Previous releases:

- [bug fix list for 4D v17.3](#)
- [bug fix list for 4D v17.2](#)
- [bug fix list for 4D v17.1](#)
- [bug fix list for 4D v17](#)

## Library Update

- OpenSSL: Upgrade to update v1.0.2t

## Notes about macOS Catalina

### ***Replace or remove PHP to notarize (macOS Catalina) 4D v17.4 merged application***

As of 4D v17.4, you can notarize your 4D v17 merged applications. To avoid errors, the PHP embedded in 4D must be updated by a custom version ([see information in this tech note](#)). A second solution consists of removing the embedded PHP folder in 4D Developer Edition, 4D Volume Desktop, or 4D Server (depending on the merged application to build). To notarize and staple your application, follow the instructions in [this blog post](#).

### ***Replace or remove 4D IC to notarize (macOS Catalina) 4D v17.4 merged application***

As of 4D v17.4, you can notarize your 4D v17 merged applications. To avoid errors, the 4D IC plug-in must not be integrated during the building of the application. A second solution consists of replacing the 4D v17.4 IC plug-in with a 4D v18 IC plug-in in the 4D Developer Edition's plug-in folder.

4D recommends using 4D v18 for deployment on macOS Catalina 10.15