

How to debug using bR301

We offer a simple way to do debug mobile reader, some customer has problem while debugging iR301 (lightning connector) with their application, below is a way:

For the hardware device, we keep one SDK works for all mobile readers, it includes iR301 and bR301, also will be included feature product, like bR301 with bluetooth 4.0 low power products and iPhone sleeve reader.

RESOURCES:

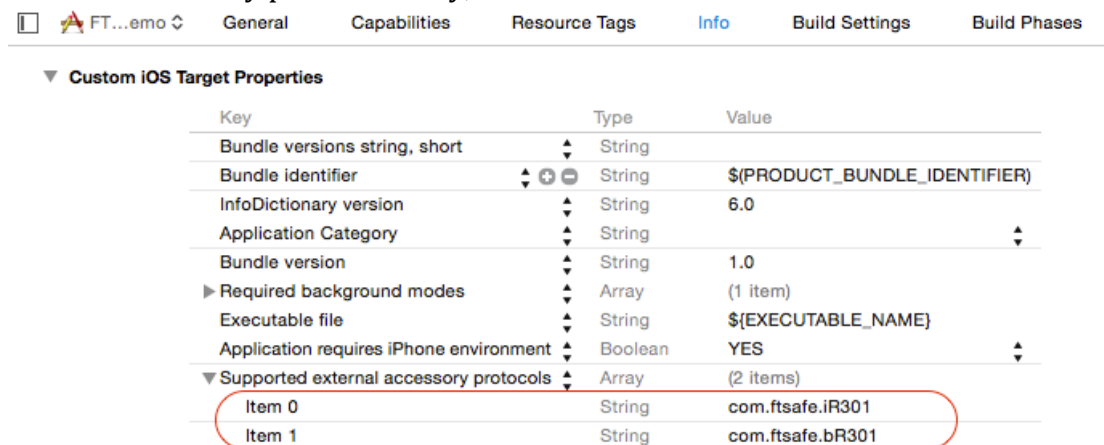
SDK, xcode, bR301

1. Before start debugging, please confirm you have add external protocol string and external accessory framework.

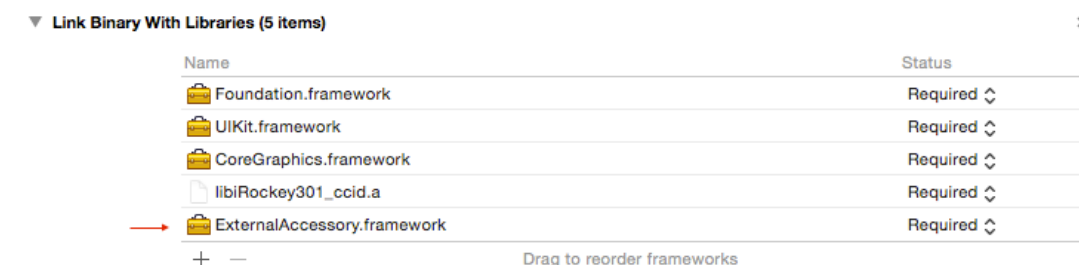
NOTICE: External protocol string is a communication protocol string in reader firmware; we need that string to create connection. (com.ftsafe.iR301 and com.ftsafe.bR301):

External accessory framework is rely framework in apple develop kit. You just simply add it through “Build Phase”.

To add protocol string into your project, edit Info.plist file, add Supported external accessory protocols” key, show:



Add development framework can through “Build Phases”, the Feitian library also will be needed, you can put debug lib into project while in debugging, the debug lib will print all communication data in “debug output field”, show below:



2. The next step, do pair with your bR301 with your Phone/Pad, build your application to Phone and check all the input between reader and card
3. The last step is after everything works good with bR301, then disconnect bR301 with your Phone, put iR301 into you phone/pad, the functions also works well with iR301. Enjoy your development life.

Any questions, contact ben@ftsafes.com

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