
KPAAM-CAM Module Installation Instructions

Ning Deng

Department of Computer Science and Engineering
University at Buffalo, SUNY

1 Install the FAIMS app

1.1 Install the app on a simulator

You can use the FAIMS app on an android simulator if you have a laptop and internet connection. We will give the instructions on how to install the FAIMS app on the ARC Welder, which is an android simulator running as a Google Chrome extension, note that you can use whatever android simulator as you like.

If you will be using FAIMS app on your android device, e.g. an android phone or android tablet with Android 4.4 OS or higher, please skip to section 1.2 and follow the instructions.

Install Google Chrome and ARC Welder.

- Install the Google Chrome if you don't have it on your laptop.
- Install the ARC Welder extension on <https://chrome.google.com/webstore/detail/arc-welder/emfinbmielocnlhgmfkkmkngdoccbadn>.
- Download the .apk file of the FAIMS app on <https://www.fedarch.org/apk/faims-au.edu.faims.mq.fieldresearch2-release.apk>, please memorize the folder where you keep this file, we will need this later.
- *Run your ARC Welder.

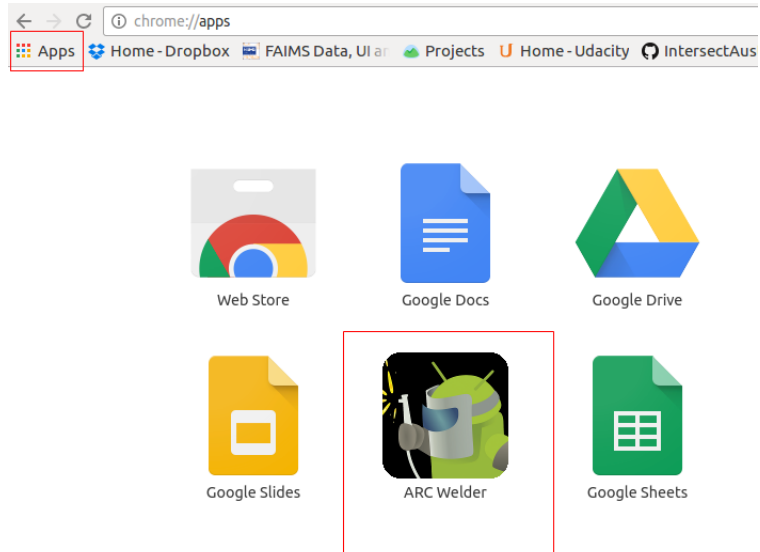


Figure 1: Run ARC Welder

- *Load the FAIMS .apk file:
 - Start adding .apk file:

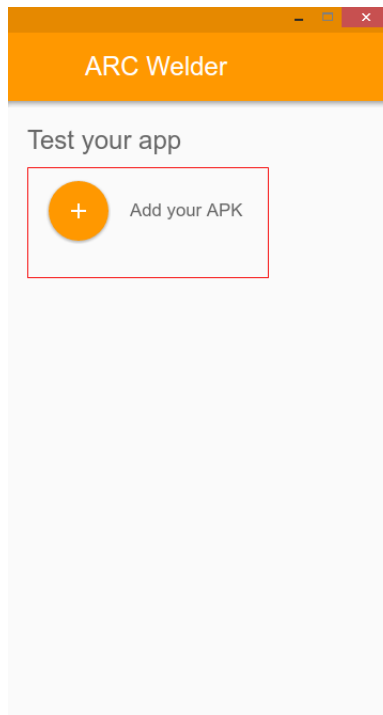


Figure 2: Start adding apk file

- Add the .apk file you just downloaded, for this step, you need to navigate to the folder where you keep the downloaded .apk file.

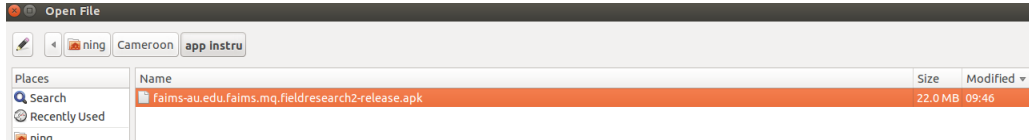


Figure 3: Add apk file you just downloaded

- Configure the app: for best experience, we recommend you to select **Portrait** for *Orientation*, **Tablet** for *Form Factor* and check the *Clipboard access*, if you can't select the configuration for *Orientation*, we can later re-size the application window.

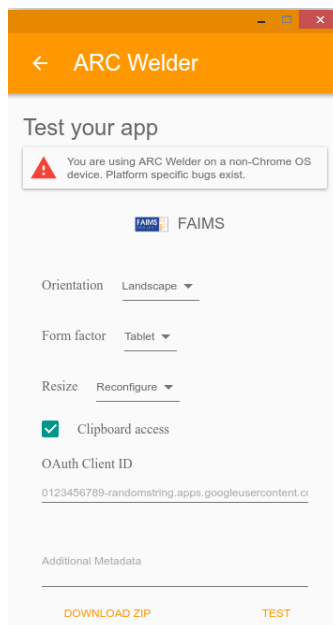


Figure 4: Configure app

- Then click on *TEST*.

- *Connect to the server that we are using on <http://faims2.fedarch.org/>.

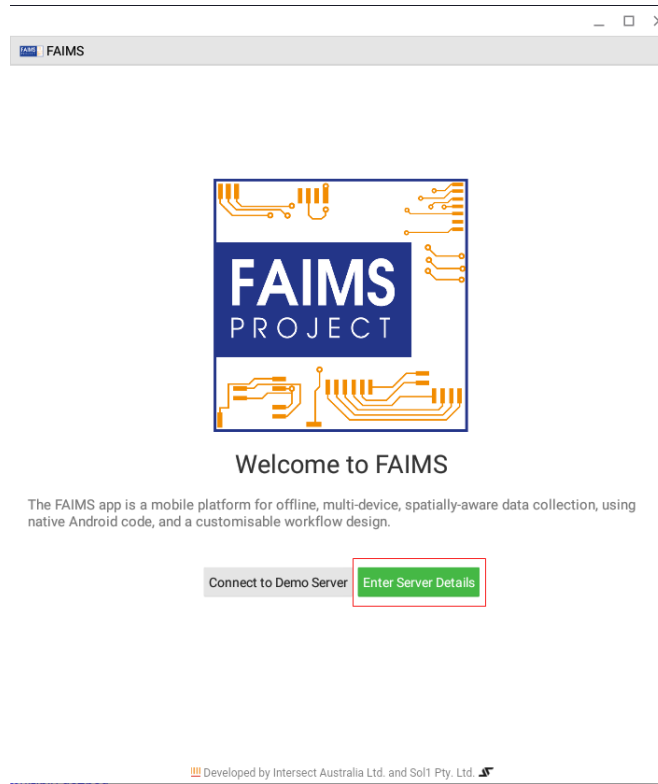


Figure 5: Enter server details(1)

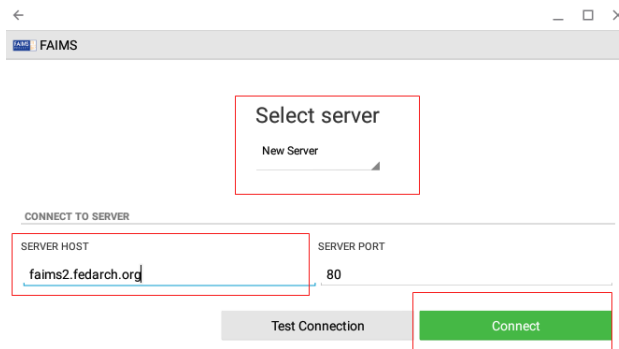


Figure 6: Enter server details(2)

Run more than one ARC Welder simulators For running more than one simulators on your laptop, the steps are exactly the same as the steps marked with a "*" in last section except for that: after you click on *TEST*, the simulator will ask you if you want to remove the previously used simulator as shown in below, just click on *cancel*.

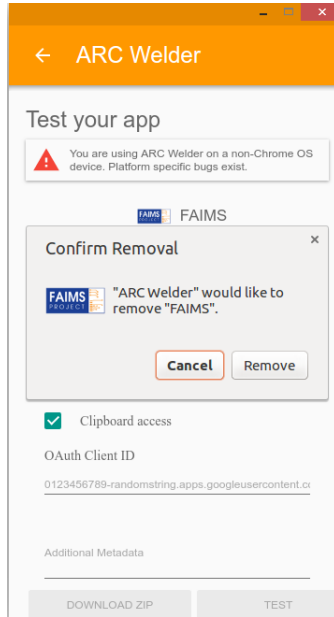


Figure 7: Running more than one simulators

1.2 Install the app on an android device

- Go to the Google Play Store on your android device.
- Search for "FAIMS App".
- Download the app.
- Connect to the server on <http://faims2.fedarch.org/> as shown in last section.

2 Download the KPAAM-CAM Module

Introduction The KPAAM-CAM Module has two versions: admin version and client version, an android device/simulator can only install one of the versions.

- Admin version: you can use the admin version to create data of:
 - Questionnaire.
 - Questionnaire type.
 - Question.
 - Question property.
 - Language.
 - Language type.
 - Person.
 - Person role.
- Client version: you can use the client version to create data of:
 - Session, which including:
 - * Answers for questions in questionnaires.
 - * Files in the answers.
 - * Person involved in the session.
 - FieldTrip.
 - Person.
 - Language.

Download the KPAAM-CAM Module

Download the KPAAM-CAM Server Module

- Run the installed FAIMS App on your android simulator/device, and connect to the server `faims2.fedarch.org`, when you've connected to the server successfully, you should be able to see the server detail as shown in the red rectangle in Figure 8, the modules on the server are marked with an icon as shown in the blue rectangle in Figure 8, the modules on your own local android simulator/device are marked with a green rectangle in Figure 8:

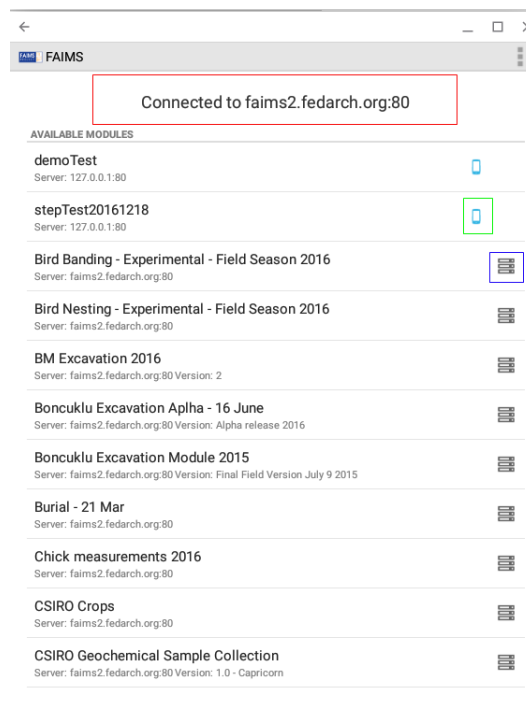


Figure 8: Prepare for module downloading

- Find the KPAAM-CAM Server Module and click on it to download it:



Figure 9: Find the module

- Download the module:

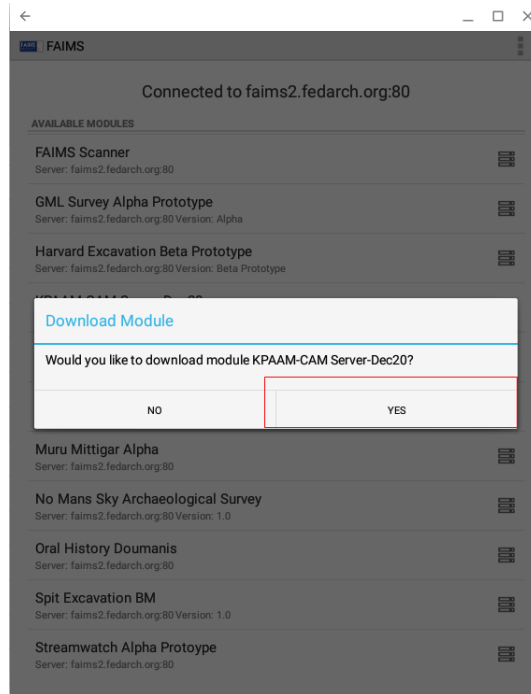


Figure 10: Download the module

- Wait until the module downloading is completed, and then you can run it:

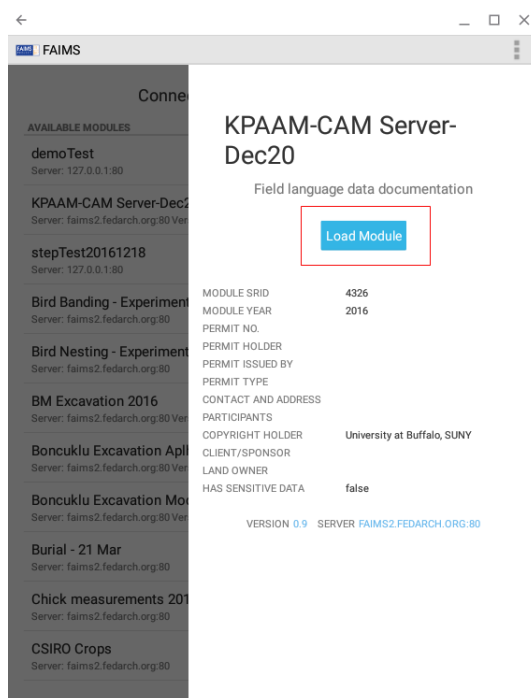


Figure 11: Run the module

Note: due to the resource distribution mechanism of the android system, when you are loading the module, the system may ask you if you want to close the app, just select "Wait" or "No".

Download the KPAAM-CAM Client Module

- Run the installed FAIMS App on your android simulator/device, this simulator/device should not be the same one you install the server version, and connect to the server `faims2.fedarch.org`.
- Find the KPAAM-CAM Client Module and click on it to download it:

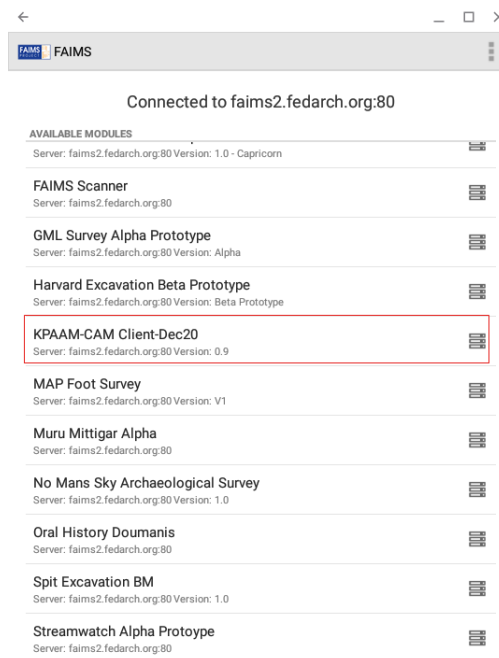


Figure 12: Find the module

- Download the module:
- Wait until the module downloading is completed, and then you can run it:

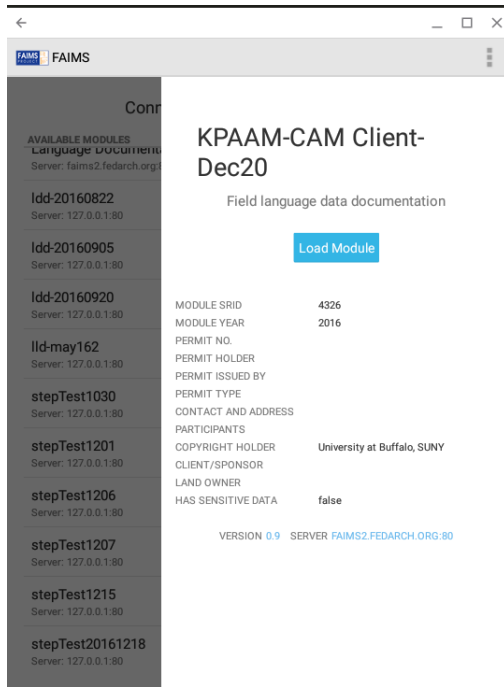


Figure 13: Run the module

Note: due to the resource distribution mechanism of the android system, when you are loading the module, the system may ask you if you want to close the app, just select "Wait" or "No".