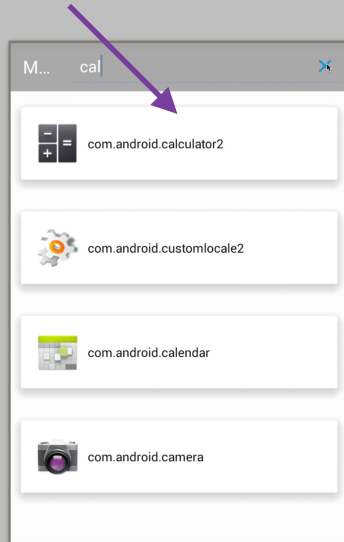
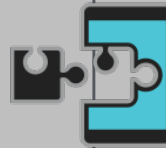


1. GUI Launched and application selected



2. Xposed methods hooked



DEX file
parsed for
methods and
classes

Names of
methods
passed to
Xposed
Module

Xposed
module
hooks all
methods

4. Backend accepts files and processes them



XMI file and
Sequence
Diagram are
zipped up and
email to user



plantUML
converts text
file to
sequence
diagram

Flask
backend
accepts files
and runs
plantUML.jar



3. On usage of host application, data is recorded

XMI file
written

Information
recorded in two
files until told to
stop tracking

PlantUML
file written

