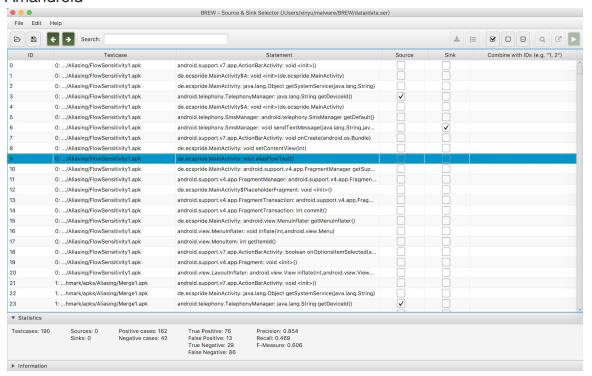
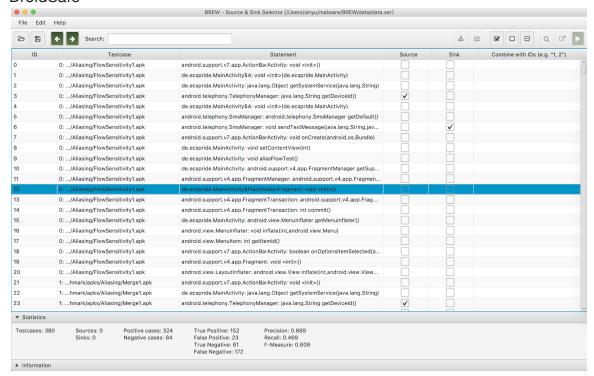
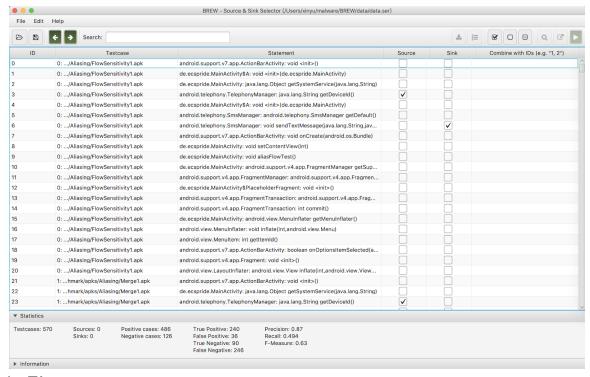
Amandroid



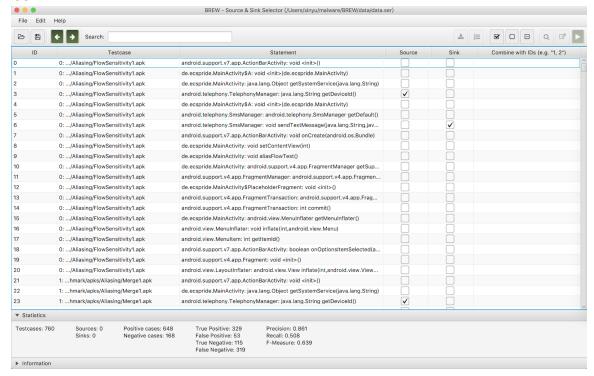
DroidSafe



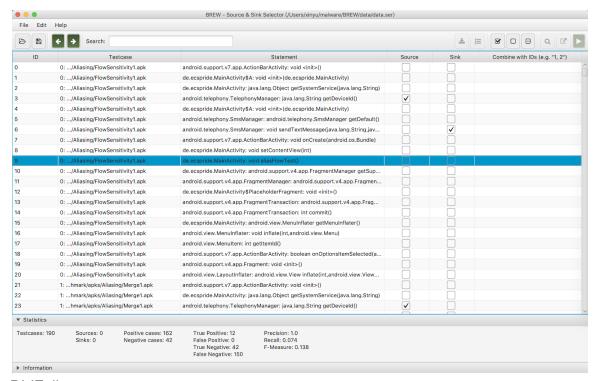
FlowDroid



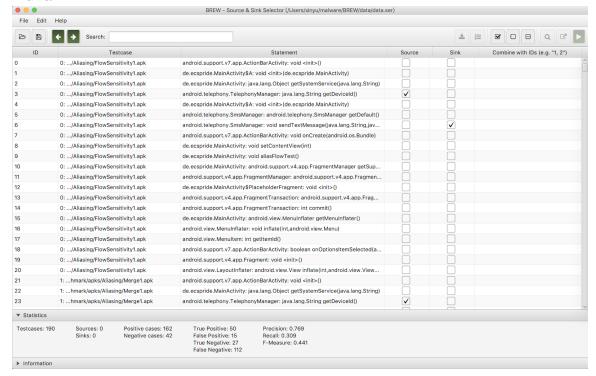
IccTA

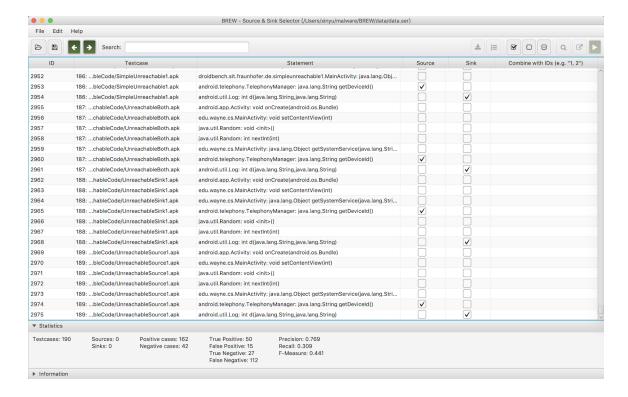


DIALDroid



DidFail





- 1. Download the latest version of BREW (here) and unzip it.
- 2. Make flushMemory.sh and killpid.sh, located in BREW directory, executeable:

cd /path/to/BREW

chmod u+x flushMemory.sh killpid.sh

- 3. Download a ReproDroid benchmark:
- e.g. the refined benchmark version of DroidBench
- 3.0: https://uni-paderborn.sciebo.de/s/ZmlRvtzl6pVYHVP/download?path=%2F benchmarks&files=DroidBench30.zip
- 4. Choose the tool for which you want to load the benchmark (for this example we assume it is Amandroid).
- 5. Copy %benchmark%/results/Amandroid/data to %BREW%/data
- 6. Extract both downloaded archives: Let us assume %BREW% and %benchmark% refer to the respective extracted archives.
- 7.Start BREW with codes:

```
java -jar BREW-1.1.1.jar -config config_amandroid.xml -d detailed.
Configurations files:
config_toolset1.xml (for Amandroid, DroidSafe, FlowDroid and IccTA)
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<config>
        <androidPlatforms>/path/to/Android/platforms</androidPlatforms>
        <maxMemory>4</maxMemory>
        <tools>
                <tool name="Tool1" version="1">
                         <priority>1</priority>
                         <path>/not/important</path>
                         <run>/also/not/important</run>
                         <result>/guess/what</result>
                         <questions>IntraAppFlows</questions>
                         <instances>0</instances>
                         <memoryPerInstance>2</memoryPerInstance>
                 </tool>
        </tools>
        cessors>
                 <tool name="Tool2" version="1">
                         <priority>1</priority>
                         <path>/not/important</path>
                         <run>/also/not/important</run>
                         <result>/guess/what</result>
                         <questions>COMBINE</questions>
                         <instances>0</instances>
                         <memoryPerInstance>2</memoryPerInstance>
                 </tool>
        </preprocessors>
</config>
config_toolset2.xml (for DIALDroid and DidFail)
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<config>
        <androidPlatforms>/path/to/Android/platforms</androidPlatforms>
        <maxMemory>4</maxMemory>
        <tools>
                 <tool name="Tool1" version="1">
                         <priority>1</priority>
                         <path>/not/important</path>
                         <run>/also/not/important</run>
                         <result>/guess/what</result>
                         <questions>IntraAppFlows, InterAppFlows</questions>
                         <instances>0</instances>
                         <memoryPerInstance>2</memoryPerInstance>
                 </tool>
        </tools>
</config>
```

8. Click on *Next* (Green rightarrow in the toolbar)

- 9.Click on *Directory (Ignore parent directory)*
- 10. Select the %benchmark%/benchmark/apks directory
- 11.If any warnings appear, just click OK
- 12.Click on Next (Green rightarrow in the toolbar) again
- 13.Click Yes
- 14. Then you will get the fully loaded benchmark result.

