How to run Binary Size Analysis

Get build config:

(This assumes that you have a V8 checkout in ~/v8.)

```
$ cd ~/v8
$ tools/dev/v8gen.py -m client.v8.ports -b "V8 Android Arm - builder" \
    android.release
```

Currently this yields:

```
      is_component_build = false
      is_debug = false
      symbol_level = 1
      target_cpu = "arm"
      target_os = "android"
      use_goma = true
      v8_android_log_stdout = true
      v8_test_isolation_mode = "prepare"
      use_goma=true
```

You also need to ensure that you have `target_os = ['android']` in your `../.gclient` (and run "`gclient sync`" if you just added it).

Build:

```
$ ninja -C out.gn/android.release/ -j1000 -l50 d8
```

Analyze:

(This assumes that you have a Chromium checkout in ~/chrome/src.)

```
$ export TOOLCHAIN="~/v8/third_party/android_tools/ndk/toolchains/\
arm-linux-androideabi-4.9/prebuilt/linux-x86_64/bin/arm-linux-androideabi"
$ ~/chrome/src/tools/binary_size/run_binary_size_analysis.py \
    --library out.gn/android.release/exe.unstripped/d8 \
    --destdir binary-size-report \
    --nm-binary=$TOOLCHAIN-nm \
    --addr2line-binary=$TOOLCHAIN-addr2line
```

More details: README.md or `run_binary_size_analysis.py --help`

Enjoy:

```
$ xdg-open binary-size-report/index.html
```

Example: