# Google chrome not opening?

**Problem**

You are trying to open up Google Chrome, but Google Chrome says that it is already running or that user profile has been corrupted.

**Cause**

This is due to Google Chrome not closing out properly (Due to a crash, Power Outage, network dropping etc...or simply forgetting to log out if you are on a mounted home directory).

Google Chrome creates 'lock' files to make sure there is only one Google Chrome application running

**Solution**

To fix this, you will need to do the following based on which OS you are on:

### For Linux

if you simply forgot to log out, Chrome will usually ask if you wish to unlock a locked profile, if that does not work, try the following steps:

- Open up a terminal window (Using Terminal or Terminator)
- In your home directory, there is a .config directory, type `cd ~/.config/google-chrome`
- Copy the uncommented lines, lines beginning with `#` are comments and do not need to be copied. press enter after each line.

```bash
# fixes files from a crash or bookmarking after a login to encrypted websites. does not fix in depth corruption. This is for Linux Only.

# Find instances of Singleton lock and remove them.
rm -r Singleton*

#try opening Google Chrome now, if that does not open, there is likely something else wrong besides a simple lock file.

# 9 times out of ten, moving Default to Default_bak, then copying back to Default will resolve permissions and bookmark corruption errors
# if problems persist, saved settings, bookmarks and passwords are too corrupted to reimport safely.
rm -r Default_bak
mv Default Default_bak
cp -r Default_bak Default
```

### For Mac (Managed by ECI)

- Make sure you are closed out of Chrome (Command-Q)
- Go to Spotlight (The magnifying glass icon in the upper right hand corner)
- Type the following: `fixchrome.command`
- Follow the commands in the window
- Start up Chrome
For Mac (Not Managed by ECI)

- Make sure you are closed out of Chrome (Command-Q)
- Go to Spotlight (The magnifying glass icon in the upper right hand corner)
- type terminal.app
- Open up a terminal window
- Copy the uncommented lines, lines beginning with # are comments and do not need to be copied. press enter after each line.

```bash
# fixes files from a crash or bookmarking after a login to encrypted websites. does not fix in depth corruption. This is for MacOS X Only.

# Find instances of Singleton lock and remove them.
find ~/Library/Application\ Support/Google/Chrome -name \._Singleton* -exec rm {} \;
find ~/Library/Application\ Support/Google/Chrome -name \Singleton* -exec rm {} \;

# copies corrupted or locked profile out of the way
rm -Rf ~/Library/Application\ Support/Google/Chrome/Default_bak
mv ~/Library/Application\ Support/Google/Chrome/Default ~/Library/Application\ Support/Google/Chrome/Default_bak

# 9 times out of ten, moving Default to Default_bak, then copying back to Default will resolve permissions and bookmark corruption errors
# if problems persist, saved settings, bookmarks and passwords are too corrupted to reimport safely
cp -Rf ~/Library/Application\ Support/Google/Chrome/Default_bak ~/Library/Application\ Support/Google/Chrome/Default

cd /Applications/Google\ Chrome.app/Contents/MacOS
./Google\ Chrome
```

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