Beyond the good ol' LaunchAgents - 22 - LoginHook and LogoutHook

theevilbit.github.io/beyond/beyond_0022

> This is part 22 in the series of "Beyond the good ol' LaunchAgents", where I try to collect various persistence techniques for macOS. For more background check the introduction.

This method is considered deprecated by Apple, yet it still works.

LoginHooks and LogoutHooks have been widely documented by many people, so this post is mostly for completeness. The official, Apple documentation can be found here: Customizing Login and Logout

LoginHooks and LogoutHooks are executed, well… at logins and logouts just as the name suggest, and they are run as root. They are set in the preferences of the `com.apple.loginwindow` process, and so it's stored in the file `/var/root/Library/Preferences/com.apple.loginwindow.plist`.

We can use the `defaults` utility to add a hook, like the following:

```
sudo defaults write com.apple.loginwindow LoginHook /path/to/loginscript
```

Similarly we can install a `LogoutHook`:

```
sudo defaults write com.apple.loginwindow LogoutHook /path/to/logoutscript
```

To delete we can run the following:

```
sudo defaults delete com.apple.loginwindow LoginHook
sudo defaults delete com.apple.loginwindow LogoutHook
```

As we can only list one script or file in the preferences, we can only have one `LoginHook` and `LogoutHook` systemwide.

It's important that if we use a script, it must have the shebang at the header (e.g.: `#!/bin/zsh`).

Really that's about it, it's as simple as it looks.