CLOUDS

OCULUS RIFT INSTALLATION SET UP INSTRUCTIONS

The Oculus Rift version of CLOUDS requires an attendant to assist viewers in and out of the headset and to ensure the film begins from the beginning for each person.

CLOUDS is still beta! There are times when the application may crash or need to be restarted. For this we use a robust auto restarter for the application and ensure to set the background to a neutral color so that viewers will not be jarred.

This instruction walks through three main steps to prepare a computer for the Oculus Rift verison of CLOUDS.

AUTO RESTART

CHECKLIST

[ ] A Install **RestartOnCrash** application.

[ ] B Set up a rule to kill the process if it has hung for a short time.

[ ] C Set up a rule to restart the process if it is not running.

[ ] D Configure RestartOnCrash to start when the computer starts.

[ ] E Edit the Windows registry to disable the crash dialog.

WARNING: Enabling Restart On Crash will continually relaunch CLOUDS full screen when it's quit. By tapping the 'f' key you can remove it from full screen mode an minimize the application while you finish configuring.
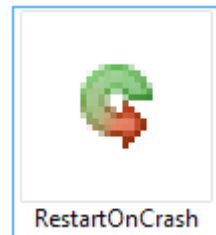
RestartOnCrash

B
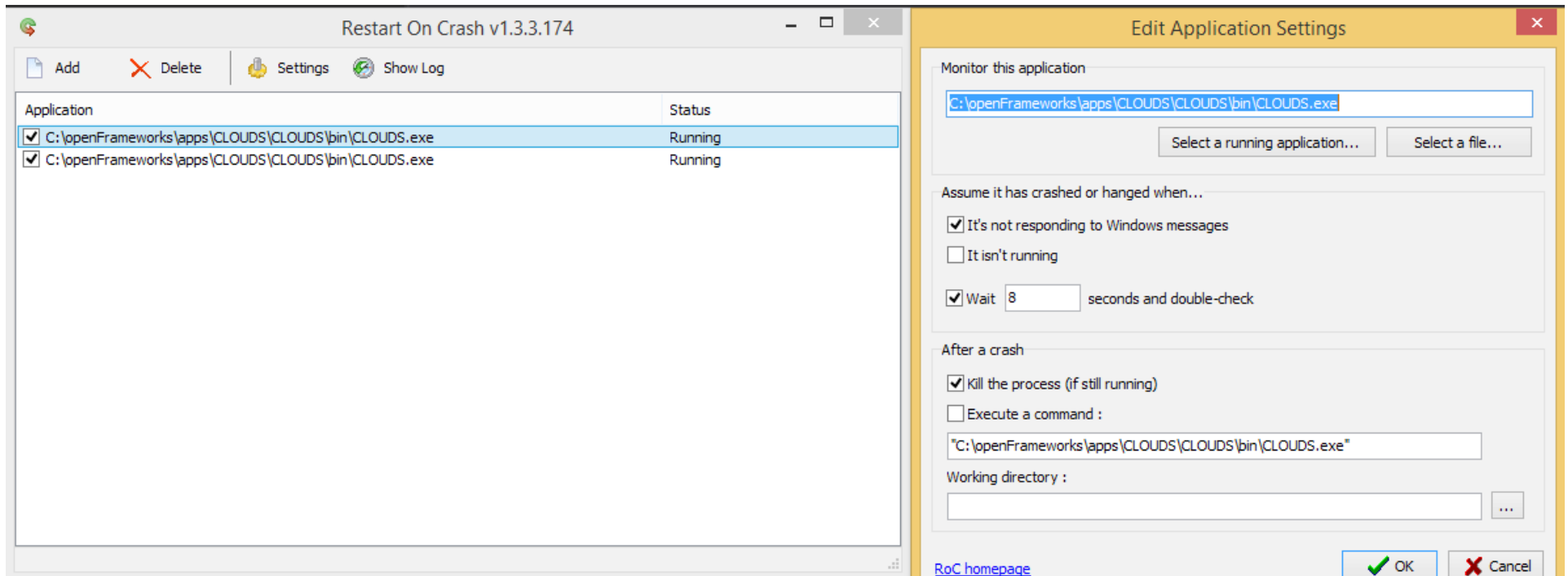
C
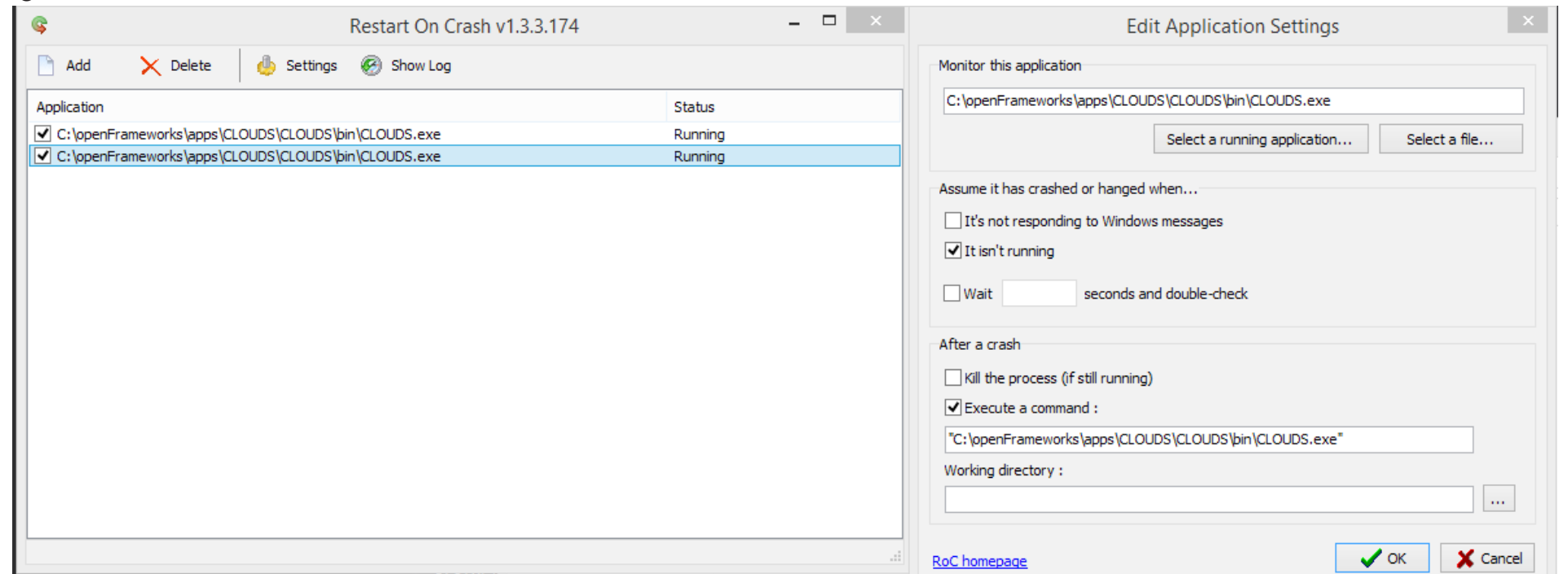
Note: For the Oculus Rift the executable is CLOUDS_OCULUS.exe.

D
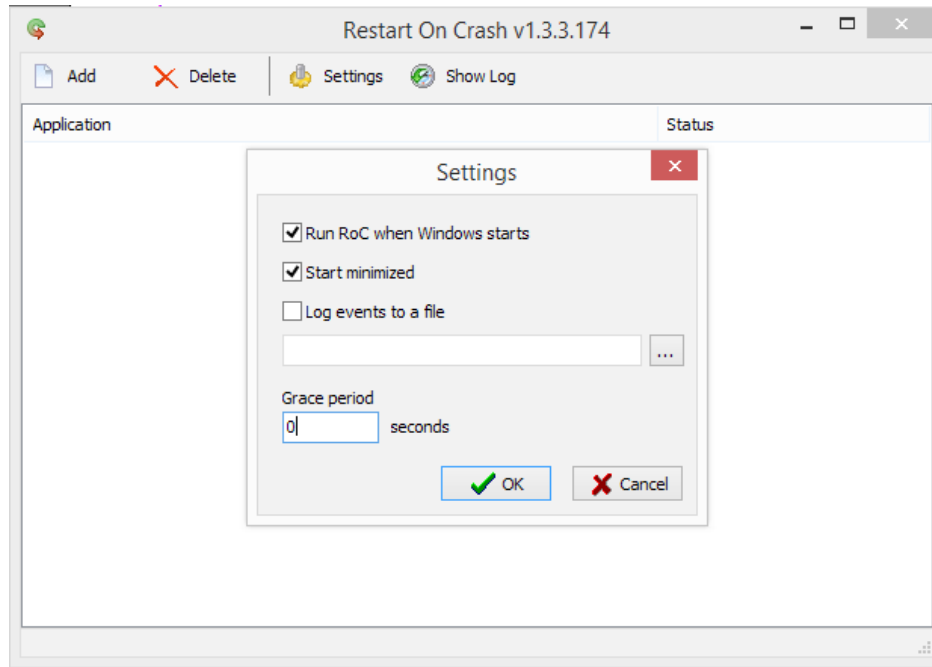
E
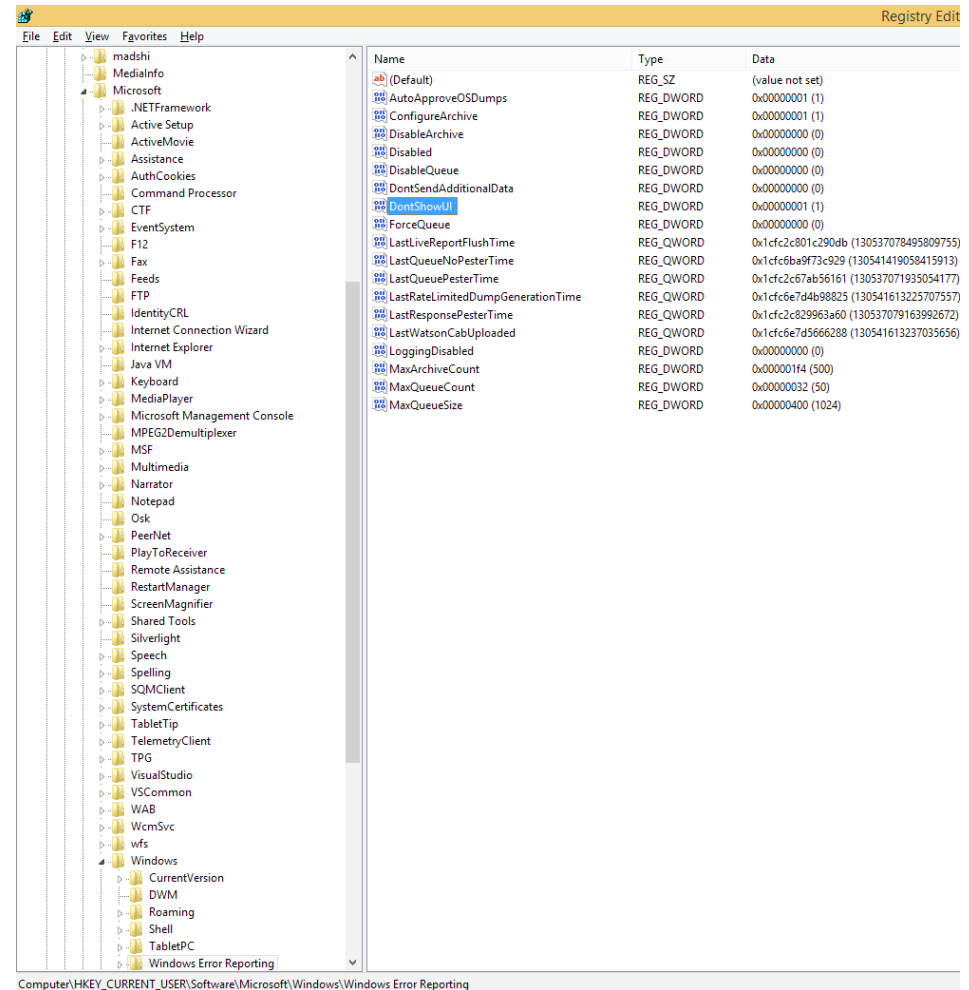
Configure RestartOnCrash to run on start up, minimized, and set the Grace Period to 0 seconds.

Open **regedit.exe**

Select Computer\HKEY_CURRENT_USER\Software\Microsoft\Windows\Windows Error Reporting
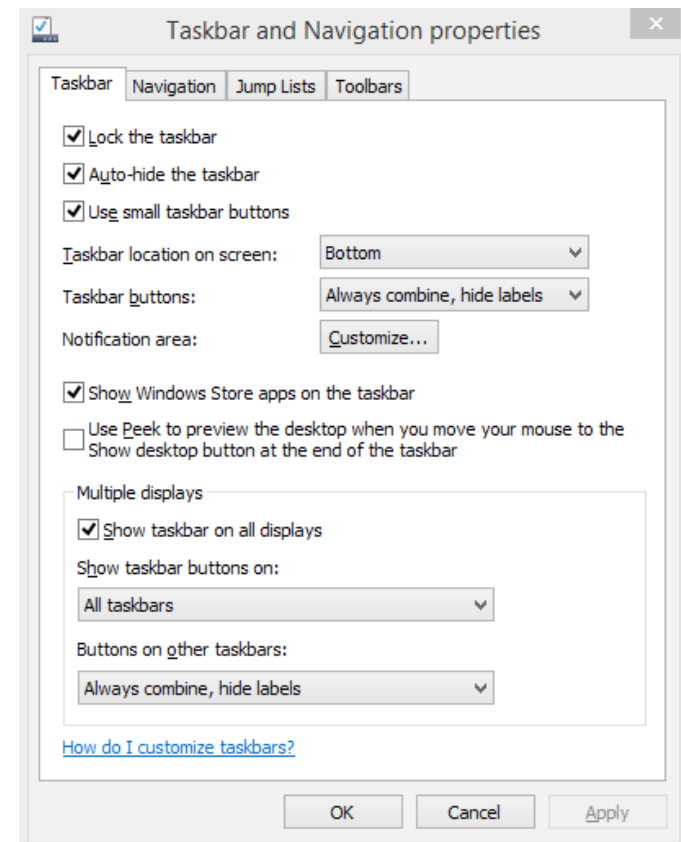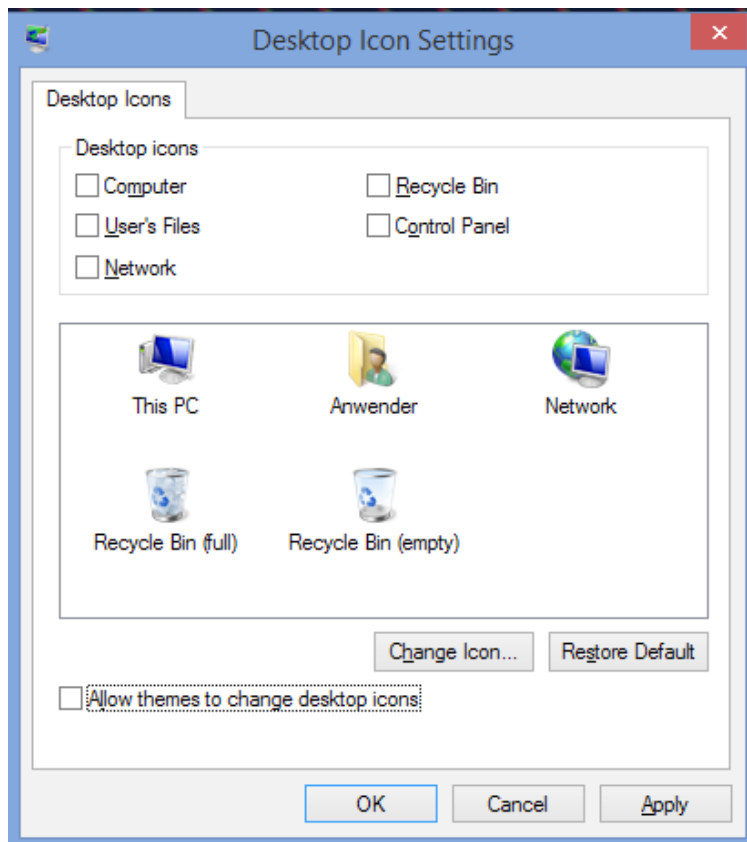
Edit the value of **DontShowUI** from 0 to 1.

This will prevent the WIndows crash dialog from appearing and allow the app to restart immediatly if crashes.
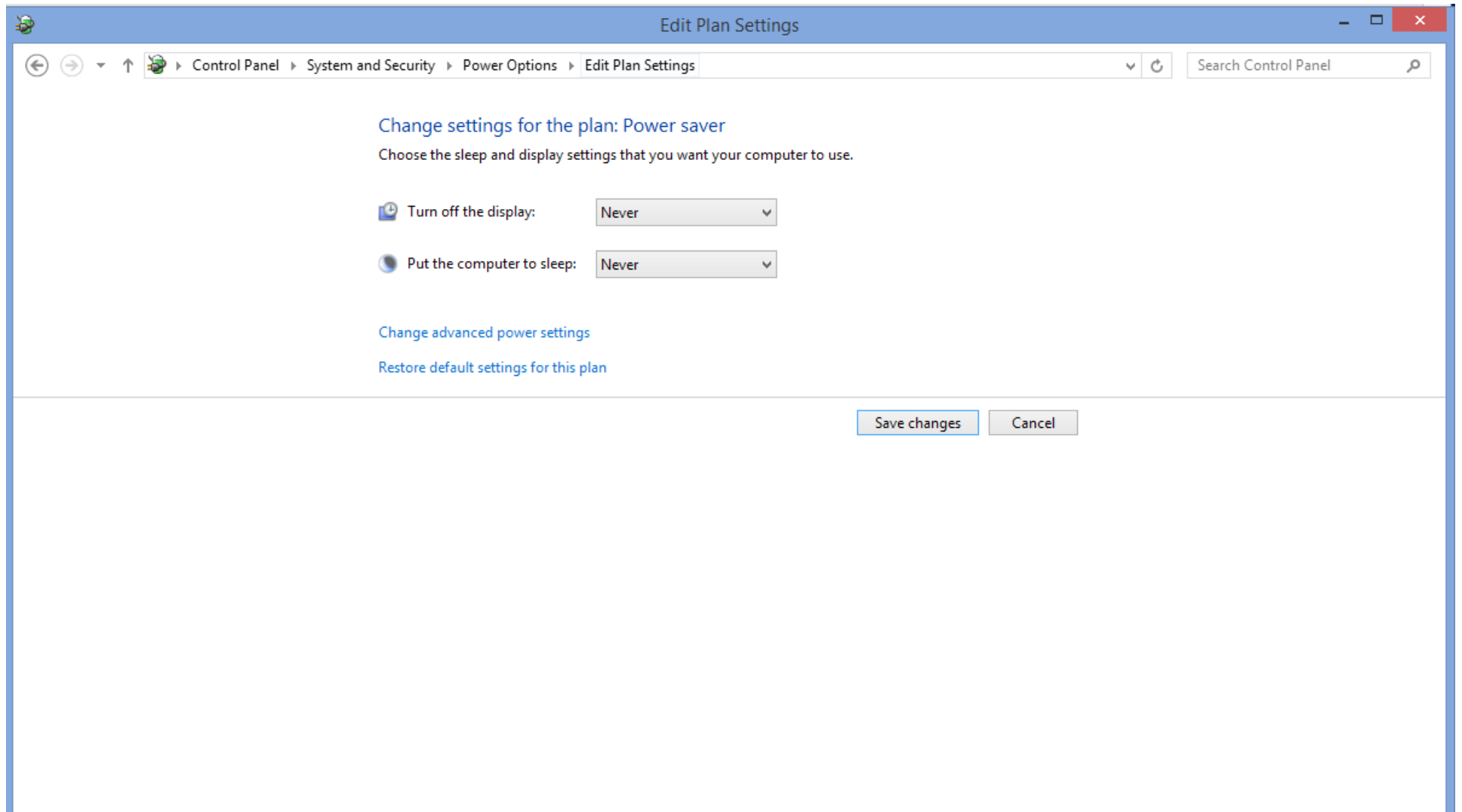
RESOLUTION, BACKGROUND & POWER SETTINGS

CHECKLIST

[ ] A Remove Desktop Icons & hide the system tray.

[ ] B Configure power settings so the computer won't go to sleep.

[ ] C Configure Screen Resolution.

[ ] D Set Desktop Background to a neutral image.

A

Desktop Icon Settings

Desktop Icons

Desktop icons
- [ ] Computer
- [ ] User's Files
- [ ] Network
- [ ] Recycle Bin
- [ ] Control Panel

This PC   Anwender   Network

Recycle Bin (full)   Recycle Bin (empty)

Change Icon...   Restore Default

[ ] Allow themes to change desktop icons

OK   Cancel   Apply

Taskbar and Navigation properties

Taskbar | Navigation | Jump Lists | Toolbars

- [✓] Lock the taskbar
- [✓] Auto-hide the taskbar
- [✓] Use small taskbar buttons

Taskbar location on screen: Bottom

Taskbar buttons: Always combine, hide labels

Notification area: Customize...

- [✓] Show Windows Store apps on the taskbar
- [ ] Use Peek to preview the desktop when you move your mouse to the Show desktop button at the end of the taskbar

Multiple displays
- [✓] Show taskbar on all displays

Show taskbar buttons on:

All taskbars

Buttons on other taskbars:

Always combine, hide labels

How do I customize taskbars?

OK   Cancel   Apply

B

Edit Plan Settings

Control Panel ▸ System and Security ▸ Power Options ▸ Edit Plan Settings

Search Control Panel

Change settings for the plan: Power saver

Choose the sleep and display settings that you want your computer to use.

Turn off the display: Never

Put the computer to sleep: Never

Change advanced power settings

Restore default settings for this plan

Save changes   Cancel

Configuring the Screen Resolution when a second monitor is mirroring the DK2 can be challenging. Windows sees the Oculus as a portrait display, and is unable to mirror it with a landscape 1080p display for mirroring. This build of CLOUDS expects both displays to be rotated portrait and then renders the Oculus Viewport twice, once for the Rift and once for the mirrored displays.

Ensure both displays are set to the same refresh rate, 75Hz if the external monitor supports it, otherwise 60Hz. This is done in the NVidia display panel
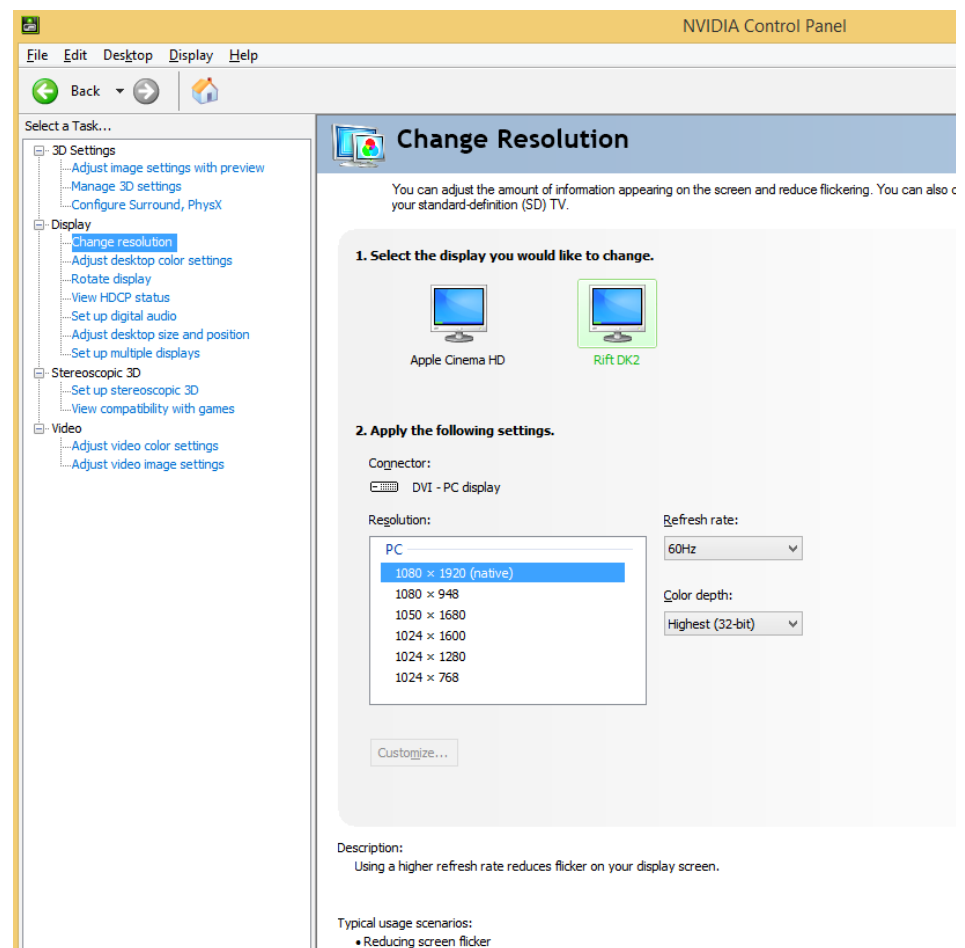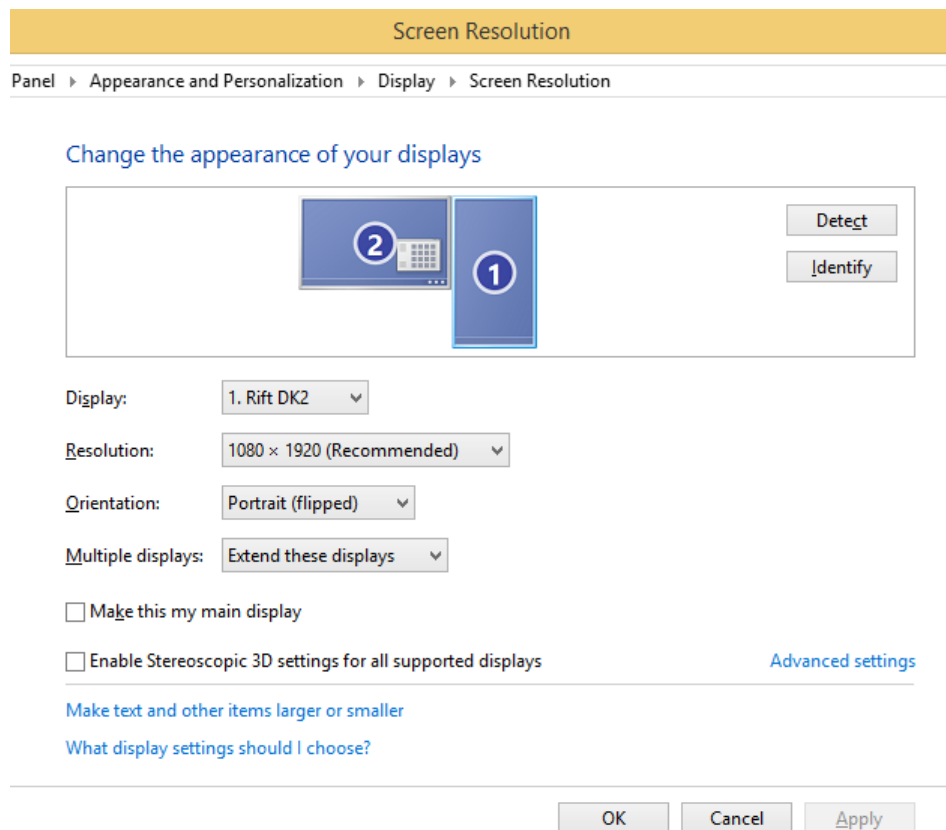
Set the Desktop to this neutral image so that if the viewer ever sees the background by accident it is not jarring.
This image can be found in CLOUDS/bin/data/

Finally, print and lamenate the following instructions for the attendant at the station

CLOUDS

Oculus Rift Instructions

When a new viewer arrives...

1) Ensure the CLOUDS title text is visible. If not press ENTER or ESC.

2) Hold the headset straight forward and press 0 to center the view.

3) Hand the headset to the viewer and assist them to adjust it.

4) Invite the viewer to move their head left and right to first pop the circles.

They will then hold their gaze on a portal to select a question in the tunnel.

5) Place the headphones on their ears and let them go.

HARD RESET TO INTRO

SET LOOK DIRECTION FORWARD

SOFT RESET TO INTRO

THANKS

Please Contact me if any problems come up

James George

+1 503 863 0747

james@jamesgeorge.org