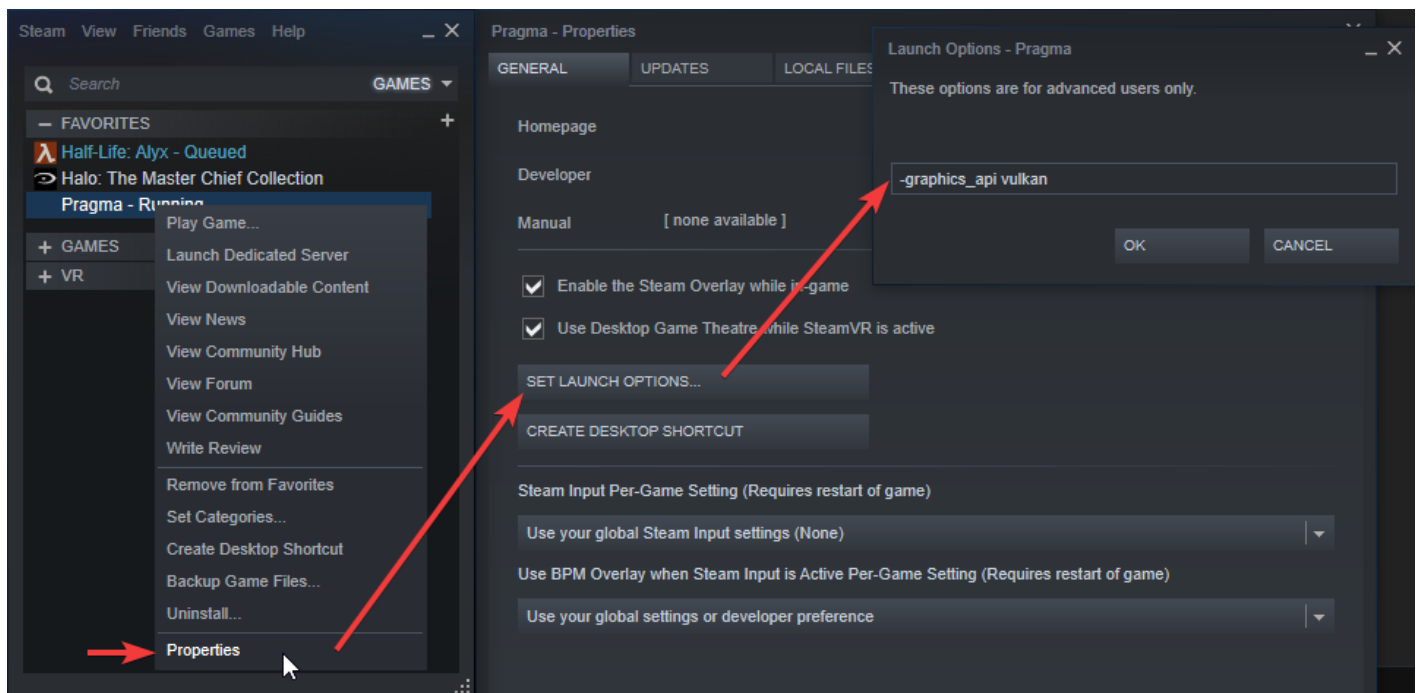# Troubleshooting

Pragma crashes on startup

If Pragma crashes on startup, please ensure that your system fulfills the [system requirements](#) and that your graphics drivers are up to date.

If you have multiple GPUs, please make sure to enable your high-default GPU as the default for Pragma. You can follow the instructions [on this page](#) to do so.

There is no text in the main menu

Try adding `-graphics_api vulkan` to the launch options in Pragma to switch to the Vulkan renderer:

I have an AMD GPU and Pragma/PFM crashes on startup

This should be fixed in newer versions of PFM, until they are released publicly, you can try this temporary fix:

1. Go to the Pragma root folder
2. Remove the `cache` directory
3. Go to `Pragma/shaders/world/eye/`
4. Rename `fs_eye.gls` to `fs_eye_bak.gls`
5. Launch PFM

Character eyes won't be rendered properly in the real-time render viewport, but it shouldn't be freezing anymore.