mmmaxwwwell/space-engineers-dedicated-docker-linux

All of the space engineers dedicated server on wine containers I found wouldn't build, and I embarked on a journey to create my own.

Turns out wine broke a few months back, and we couldn't winetricks dotnet48 or vcrun2013/2017 in some instances. The solution was to use wine-staging 5.16, install what it could, downgrade to wine-staging 5.9, and then install what was missing. This won't be necessary forever, just until wine releases a fixed build. I can't thank everyone enough for continuing to humor my many, somewhat futile attempts.

I got a LOT of help from the generous folks in Keen's discord #linux channel. And when I say 'help', I mean they basically did everything.

Thank you to:

- 7thCore for 7thCore/sesrv-script
- Devidian for advancing the docker implementation to a working state!
- Lazalatin for Lazalatin/space-engineers-dedicated-ubuntu-docker-server
- @Tsu, @Aedis, @ebbit, @data, @ReAn, @BloodyIron, @Inflex, @spawnAjak
- If I missed, you - I'm sorry! Message me or open an issue and I'll fix it.

Prerequisites:

- docker
- docker-compose (recommended, not required to run Pull and run from dockerhub
- you have a space engineers world in /appdata/space-engineers/World on your host machine
- you have valid dedicated server config at /appdata/space-engineers/SpaceEngineers-Dedicated.cfg
- the user running docker has full read/write permissions in:
  - /appdata/space-engineers/SpaceEngineers-Dedicated.cfg
  - /appdata/space-engineers/World
  - /appdata/space-engineers/steamcmd
  - /appdata/space-engineers/SpaceEngineersDedicated
- host machine port 27016 available for binding
- ~8gb ram free

Usage:

Pull and run from dockerhub:

```
docker run mmmaxwwwell/space-engineers-dedicated-docker-linux --restart always -v
/appdata/space-engineers/World:/appdata/space-engineers/World -v /appdata/space-
engineers/SpaceEngineersDedicated:/appdata/space-engineers/SpaceEngineersDedicated -v
/appdata/space-engineers/steamcmd:/root/.steam -v /appdata/space-
engineers/SpaceEngineers-Dedicated.cfg:/appdata/space-
engineers/SpaceEngineersDedicated/SpaceEngineers-Dedicated.cfg -p "27016:27016/udp"
```