Barotrauma Server in Docker

Overview

Barotrauma takes place several hundred years in the future. In this time, humanity has established several colonies on Europa, one of Jupiter's moons.

Due to the deadly amounts of radiation on the surface of the moon, the colonies are constructed under its icy crust. The vast subsurface ocean under the crust is used as a transport route between the colonies and a source of natural resources. In Barotrauma, the player will step into the boots of a recruit on board a submarine traveling in the subsurface ocean. The player's job is to keep the submarine operational, while carrying out various tasks to earn funds for buying supplies and hiring new crew members. Maintaining and operating the submarine itself isn't the only challenge, as the ocean is filled with bizarre creatures ranging from harmless small fish to gigantic horrors more than capable of destroying the entire vessel.

Network Specifics

Port	14242
TCP/UDP	UDP

Setup the Server to run in Docker

Download the Linux distribution from http://undertowgames.com/games/barolegacy/

Extract the files

> tar xvfz Barotrauma\ v0.8.2.3.tar.gz

Rename the folder to server

> mv Barotrauma\ v0.8.2.3/ server

Download the serversettings.xml file

> cd server

> wget https://raw.githubusercontent.com/Regalis11/Barotrauma/legacy/Barotrauma/BarotraumaShared/serversettings.xml

Modify the Launch_BarotraumaServer script

> vi Launch_BarotraumaServer

```
#!/bin/sh
cd /server
exec mono "/server/BarotraumaServer.exe" "$@"
```

Create a script to create the docker container

> vi buildDocker.sh

Dockerfile

```
CONTAINER=barotrauma
IMAGE=mono:latest
docker stop $CONTAINER
docker rm $CONTAINER
DIR=`pwd -P`

docker run --name $CONTAINER \
--restart=always \
-v $DIR/server:/server \
-p 14242:14242 \
--entrypoint "/server/Launch_BarotraumaServer" \
-d $IMAGE

docker logs -f $CONTAINER
```

> Run the script

> buildDocker.sh

Reference

Reference	URL
Download Link	http://undertowgames.com/games/barolegacy/
Console Commands	https://barotrauma.gamepedia.com/Console_Commands
Readme file	README.txt
Mono Office Docker Image	https://hub.docker.com/_/mono?tab=description
Mono Project	https://www.mono-project.com/