

Linux

Notes on various Linux topics

- [How to *fix* Dungeon Siege expansion Legends of Aranna on Steam](#)
- [How to convert, mount and install Dungeon Siege LOA on CachyOS \(notes\)](#)

How to *fix* Dungeon Siege expansion Legends of Aranna on Steam

- **Download** the *Legends of Aranna* fix from one of the [links](#) below.
- **Extract** the content of the archive to your `Dungeon Siege` [installation folder](#), overwriting all files when prompted.
- (Optional) **Rename** `DSL0A.exe` to `Dungeon Siege.exe` if you want to run *Legends of Aranna* from GOG/Steam.
- (Optional) **Run** the reg patch from the `Dungeon Siege` [installation folder](#) and select option 1.

Reference: <https://gist.github.com/GenesisFR/f3df7f092db17dd63d85eb1f19da7153>

Instructions for DS2 Broken World expansion:

- **Download** the *Broken World* fix from one of the [links](#) below.
- **Extract** the content of the archive to your `Dungeon Siege 2` [installation folder](#), overwriting all files when prompted.
- **Run** the reg patch from the `Dungeon Siege 2` [installation folder](#) and select option 1.

Same reference as previous.

How to convert, mount and install Dungeon Siege LOA on CachyOS (notes)

Wine installs apps to /home/.wine

```
sudo mkdir -p /mnt/iso  
sudo mount -o loop original.iso /mnt/iso
```

```
sudo umount /mnt/iso
```

```
sudo modprobe loop
```

To mount a disc image, it must be in .iso format.

To convert .cue/.bin files to .iso:

Install **bchunk**:

- For Ubuntu/Debian/Mint:

bash

```
sudo apt install bchunk
```

Use code with caution.

- For Fedora/RHEL:

bash

```
sudo dnf install bchunk
```

Use code with caution.

- For Arch Linux:

bash

```
sudo pacman -S bchunk
```

Use code with caution.

[\[1, 2\]](#)

Convert the files:

Run the `bchunk` tool by referencing the `.bin` file, the `.cue` file, and providing a name for your new `.iso` file:

bash

```
bchunk image.bin image.cue output.iso
```

Use code with caution.

[\[1, 2\]](#)

Mount the resulting ISO:

Create a mount directory and link the new ISO to it:

bash

```
sudo mkdir -p /mnt/iso
sudo mount -o loop output.iso /mnt/iso
```

Use code with caution.

You can now navigate to `/mnt/iso` to view your files.

I used `sudo -i` to gain root.

Next I used `pacman -S bchunk` to install bchunk.

I created a couple of mount points for mounting ISOs to with the following.

```
mkdir -p /mnt/iso
mkdir -p /mnt/iso/drive1
mkdir -p /mnt/iso/drive2
chmod -R 777 /mnt/iso
chown -R $USER:$USER /mnt/iso
```

Note: For the last command, if you run it with root access, it will set it to root. You should open another terminal window without root access. You will likely need to add sudo in front for that to run it without root. Alternatively, you can replace \$USER with your actual user name. Going forward, I will assume you are running a terminal from the user account you wish to set the game up under.

The actual command I used to convert the disc image to iso was:

```
bchunk FLT-DS1.BIN FLT-DS1.CUE FLT-DS1.iso
```

Rename it:

```
mv FLT-DS1.iso001.iso FLT-DS1.iso
```

Repeat the previous two steps for disc 2.

Mount disc 1:

```
sudo mount -o loop -t iso9660 /home/zell/Downloads/Dungeon\_Siege-FLT/FLT-DS1.iso  
/mnt/iso/drive1/
```

Navigate to the mounted disc and run the setup. When the setup asks for disc 2, unmount disc 1 and mount disc 2 in its place as such:

```
sudo umount /mnt/iso/drive1/
```

```
sudo mount -o loop -t iso9660 /home/zell/Downloads/Dungeon\_Siege-FLT/FLT-DS2.iso  
/mnt/iso/drive1/
```

Finish the installation.

Copy the files to your Steam folder. You can just use Dolphin or whatever file manager you have. Keep in mind that, by default, it will have installed under a hidden wine directory under /home/.wine and steam installs to a similar hidden directory. There should be an option to see hidden files/folders.

For reference, my Dungeon Siege wine install directory is: /home/zell/.wine/drive_c/Program Files (x86)/Microsoft Games/Dungeon Siege/

My steam one is: /home/zell/.local/share/Steam/steamapps/common/Dungeon Siege 1/

You can use rsync or just cp to copy the files over. In the event that you want to be able to restore the original Steam version, make sure to rename the DungeonSiege.exe to something like DungeonSiege.exe.bak. Once again, you can use the mv command, if you want to do it from the Terminal.

Now, you need to [follow these instructions](#) and [download the fix here](#).

Extract the fix into the Dungeon Siege directory mentioned previously, make sure to overwrite files.

If you want to launch LOA from Steam, rename `DSL0A.exe` to `Dungeon Siege.exe` or you can do this to the GoG version as well.

Final step, run the reg patch (RegPatchDS1.bat) from the `Dungeon Siege` folder and pick option 1.

If it doesn't "just work" there's a couple of manual methods you can try for Steam.

Using Protontricks (Easiest Method)

Install **Protontricks** via your Linux package manager or the Software Center (often available as a Flatpak).

Launch Protontricks and select your target game from the list.

Choose **Select the default wineprefix** and click OK.

Select **Run regedit** from the menu options.

Inside the Wine Registry Editor, click **Registry** in the top menu, select **Import Registry File**, and find and open your `.reg` patch. [1](#), [2](#), [3](#), [4](#)

Using the Command Line

Find your game's AppID in its Steam Properties or store URL.

Open your terminal and run `regedit` tied to the game's compatibility path:

bash

```
STEAM_COMPAT_DATA_PATH="$HOME/.local/share/Steam/steamapps/compatdata/APPID"
~/.local/share/Steam/steamapps/common/Proton\ *\ */dist/bin/wine regedit
```

Use code with caution.

(Replace `APPID` with your game's actual number, and ensure the Proton path matches your installed version).

Use the opened `regedit` interface to import your patch file.