# Contributing to netboot.xyz

Thanks for supporting netboot.xyz, and for considering contributing to the

project!

## How to Contribute

Because netboot.xyz supports many different operating systems and utilities, it

takes work and time to keep the many options updated. Distributions may add a

new version of the operating system, locations of files can change, and versions

might go end of life and drop off the mirrors.

The end goal is to support as many operating systems as possible so that it's

really easy to go explore new operating systems and tools from one location.

## So what can I do to help?

### Help keep netboot.xyz updated

If you noticed one of your favorite operating system or tool has been updated,

feel free to open a [Pull Request] to get the operating system updated. It

will be reviewed and merged once validated.

### Add support for new OS and Utilities

Do you have a favorite utility that you use often but isn't on netboot.xyz?

Feel free to request it being added or submit a [Pull Request].

### Ask your distribution to become netboot friendly

If you don't see support for your favorite distribution in netboot.xyz, please

open up an [issue] with netboot.xyz and if possible, open up an issue with the

distribution.

Ask for the distribution to provide a way to load installer kernels from

their mirror directly or provide key files from their release ISO somewhere that

is accessible over HTTP. This usually might be a `vmlinuz`, an `initrd`, and

potentially a `rootfs` and could be extracted and hosted on the mirror when the

release is generated. Providing these allows not only netboot.xyz to load the

installer from a supported and trusted location but also users to do the same

from their own PXE servers. In this day and age as physical media is less

necessary, having the option to pull files as needed is much more efficient

especially when you may have limited bandwidth.

### Submit ideas

We are always looking for new ideas to make the tool more useful, if you have an

idea, feel free to open up a Github [issue] or open up a [Pull Request].

### Communication Channels

\* [Discord](https://discord.gg/An6PA2a) Chat Server for netboot.xyz discussions, questions, and development

\* Follow us on [Twitter](https://twitter.com/netbootxyz) at [@netbootxyz](https://twitter.com/netbootxyz)

for the latest updates

### Donate

We have set up an [Open Collective](https://opencollective.com/netbootxyz) to open the project up to those who wish to donate to help out the project. This may cover hosting and domain fees, hardware for validation testing, or anything else that comes up in maintaining a project like this. Every little bit will help! If you enjoy the work we do, please support us!

## Enjoy and have fun!

[issue]: https://github.com/netbootxyz/netboot.xyz/issues/new

[Pull Request]: https://github.com/netbootxyz/netboot.xyz/pulls