

# NixOS als Tarball

```
{ config, pkgs, modulesPath, ... }:  
  
let  
  # format target device with `mkfs.ext4 -L NIXOS_ROOT`  
  rootfsLabel = "NIXOS_ROOT";  
in {  
  imports = [  
    (modulesPath + "/installer/cd-dvd/system-tarball.nix")  
    # (modulesPath + "/profiles/base.nix")  
  ];  
  
  tarball.contents = [  
    {  
      source = pkgs.writeText "grub.cfg" ''  
        insmod gfxterm  
        insmod png  
        set gfxpayload=keep  
        menuentry "NixOS" {  
          search --set=drive1 --label ${rootfsLabel}  
          linux  
            ($drive1){config.boot.kernelPackages.kernel}/${config.system.boot.loader.kernelFile} init=${config.system.build.toplevel}/init ${toString  
config.boot.kernelParams}  
          initrd  
            ($drive1){config.system.build.initialRamdisk}/${config.system.boot.loader.initrdFile}  
          }  
        '';  
      target = "/boot/grub.cfg";  
    }  
  ];  
  
  fileSystems."/ " = {  
    device = "/dev/disk/by-label/${rootfsLabel}";  
    fsType = "ext4";  
  };  
}
```

```
nix-build "<nixpkgs/nixos>" -A config.system.build.tarball -I nixos-  
config=config.nix
```

```
{ hostName }:  
  
let  
  # format target device with `mkfs.ext4 -L NIXOS_ROOT`  
  rootfsLabel = "NIXOS_ROOT";
```

```

configuration =
  { config, pkgs, lib, modulesPath, ... }:

  {
    imports = [
      (modulesPath + "/installer/cd-dvd/system-tarball.nix")
      (./configuration/hosts + "${hostname}/configuration.nix")
    ];
    tarball.contents = [
      {
        source = pkgs.writeText "grub.cfg" ''
          insmod gfxterm
          insmod png
          set gfxpayload=keep
          menuentry "NixOS" {
            search --set=drivel --label ${rootfsLabel}
            linux
($drivel)${config.boot.kernelPackages.kernel}/${config.system.boot.loader.kernelFile} init=${config.system.build.toplevel}/init ${toString
config.boot.kernelParams}
            initrd
($drivel)${config.system.build.initialRamdisk}/${config.system.boot.loader.initrdFile}
          }
          '';
        target = "/boot/grub.cfg";
      }
    ];

    fileSystems."/ " = lib.mkForce {
      device = "/dev/disk/by-label/${rootfsLabel}";
      fsType = "ext4";
    };
  };

  evaluatedHost = import <nixpkgs/nixos> {
    inherit configuration;
  };
in
  evaluatedHost.config.system.build.tarball

```

```
nix-build tarball.nix --argstr hostname myhost
```

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<https://wiki.clerie.de/> - **clerie's Wiki**

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