

Plate

A clean time management tool

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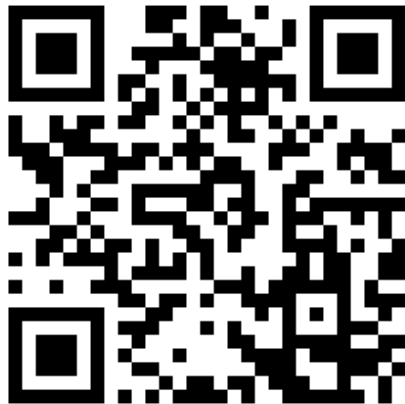


Figure 1: <https://github.com/TheCodedProf/plate>

Nix Deployment



```
dockerTools.buildImage {
  config = {
    WorkingDir = "/plate";
    Cmd = [
      "bun"
      "prod"
    ];
  };
  name = "plate";
  tag = "latest";
  fromImage = dockerTools.buildImage {
    name = "node";
    tag = "25-alpine3.22";
  };
  copyToRoot = buildEnv {
    name = "plate-root";
    paths = [
      bun
      bash
      config.packages.plateSite.result
    ];
    pathsToLink = [
      "/bin"
      "/plate"
    ];
  };
};
```

```
virtualisation.oci-containers = {
  backend = "podman";
  containers.plate = {
    autoStart = true;
    ports = [
      "3000:1035"
    ];

    image = "plate-container";
    imageFile = plate.input.path; # Full path not shown
    extraOptions = [
      "--network=host"
      "--mount type=bind,src=/run/postgres,dst=/mnt/
postgres"
    ];

    environmentFiles = [
      "/secrets/plate/.env"
    ];
  };
};
```

Nix Deployment (ii)

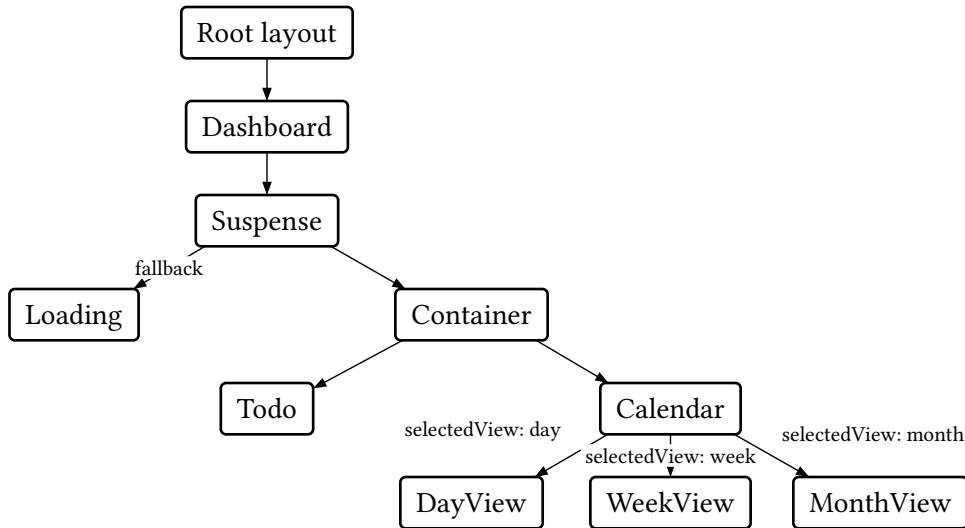


```
services.nginx.enable = true;
services.nginx.virtualHosts."plate.coded.codes" = {
  addSSL = true;
  enableACME = true;
  acmeRoot = null;

  locations."/" = {
    proxyPass = "localhost:1099";
    recommendedProxySettings = true;
    proxyWebsockets = true;
  };
};
```

```
services.postgresql = {
  enable = true;
  ensureDatabases = [ "plate" ];
  ensureUsers = [
    {
      name = "plate";
      ensureDBOwnership = true;
    }
  ];
};
```

Component Tree



Q&A

Thanks for your time