

Plate

A clean time management tool

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Repo



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"  
        ];  
    };  
};
```



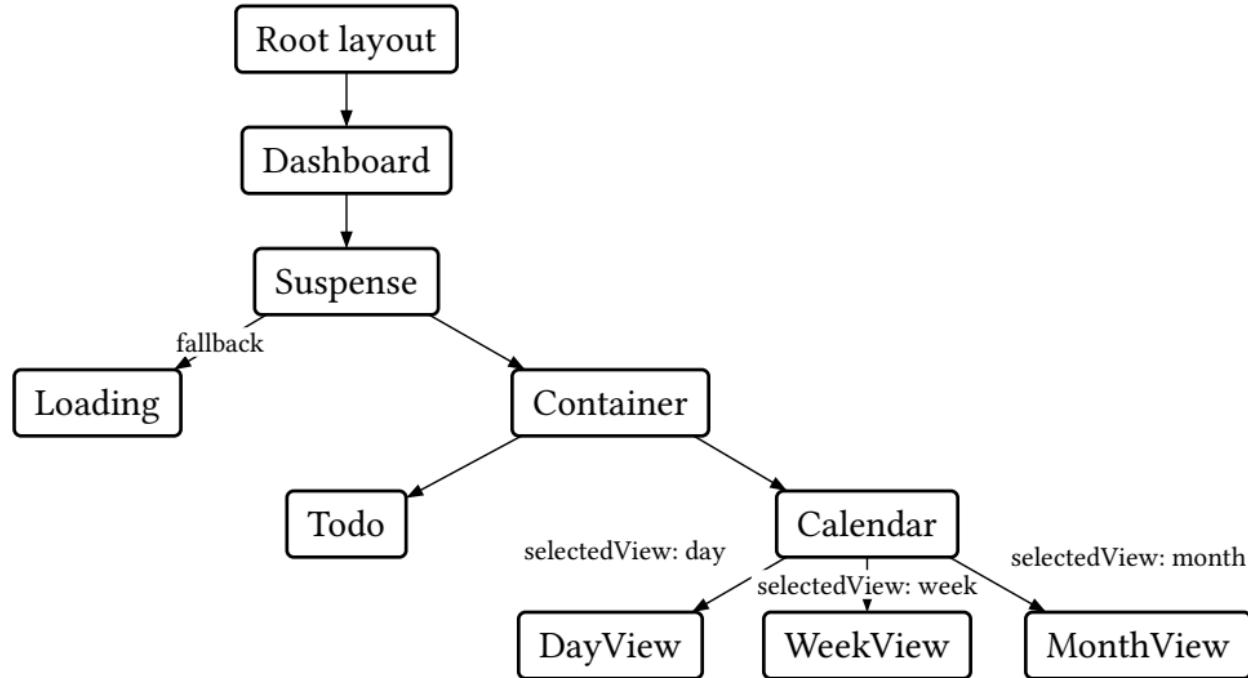
Nix Deployment (ii)

```
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