

Docker - Linux Docker Compose Wrapper

Docker Compose Wrapper (dc)

A small wrapper around docker compose that automatically loads shared environment files for all stacks.

Why

Docker Compose only interpolates `${VARIABLES}` from:

- The shell environment, or
- A local `.env` file, or
- Files passed with `--env-file`

It does **not** use the `env_file:` directive for interpolation.

This wrapper always passes the shared files so every stack gets consistent variable substitution.

Shared Files

```
/mnt/volume1/docker/stacks/_shared/.env  
/mnt/volume1/docker/stacks/_shared/.secret
```

Install

1. Create the wrapper:

Bash

```
sudo tee /usr/local/bin/dc > /dev/null << 'EOF'  
#!/bin/bash  
exec docker compose \  
  --env-file /mnt/volume1/docker/stacks/_shared/.env \  
  --env-file /mnt/volume1/docker/stacks/_shared/.secret \  
  "$@"  
EOF
```

2. Make it executable:

Bash

```
sudo chmod +x /usr/local/bin/dc
```

3. Verify:

Bash

```
which dc  
dc version
```

Usage

Use dc exactly like docker compose.
All subcommands work.

Bash

```
dc up -d  
dc logs  
dc logs -f  
dc ps  
dc restart <service>  
dc down  
dc config
```

Notes

- Run dc from the directory that contains the docker-compose.yml (same as normal Compose).
- Later --env-file overrides earlier ones if keys collide.
- The wrapper does not change how env_file: works inside containers — it only handles interpolation for the Compose file itself.
- To see the fully resolved config before starting anything:

Bash

```
dc config
```

Updating

Edit the script if the shared file paths change:

Bash

```
sudo nano /usr/local/bin/dc
```

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