**Docker Documentation**

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# General docker-compose

## Startup

We've seen that we can create and start the containers, the networks, and the volumes defined in the configuration with *up*:

docker-compose up

After the first time, however, we can simply use start to *start* the services:

docker-compose start

In case our file has a different name than the default one (*docker-compose.yml*), we can exploit the *-f* and *- -file* flags to specify an alternate file name:

docker-compose -f custom-compose-file.yml start

Compose can also run in the background as a daemon when launched with the *-d* option:

docker-compose up -d

## Shutdown

To safely stop the active services, we can use *stop*, which will preserve containers, volumes, and networks, along with every modification made to them:

docker-compose stop

To reset the status of our project, instead, we simply run *down*, **which will destroy everything with only the exception of external volumes**:

docker-compose down

## Commands

|  |  |
| --- | --- |
| command | description |
| Build | Build or rebuild services |
| Config | Validate and view the Compose file |
| Create | Create services |
| Down | Stop and remove containers, networks, images, and volumes |
| Events | Receive real time events from containers |
| Exec | Execute a command in a running container |
| Help | Get help on a command |
| Images | List images |
| Kill | Kill containers |
| Logs | View output from containers |
| Pause | Pause services |
| Port | Print the public port for a port binding |
| Ps | List containers |
| Pull | Pull service images |
| Push | Push service images |
| Restart | Restart services |
| Rm | Remove stopped containers |
| Run | Run a one-off command |
| Scale | Set number of containers for a service |
| Start | Start services |
| Stop | Stop services |
| Top | Display the running processes |
| Unpause | Unpause services |
| Up | Create and start containers |
| Version | Show the Docker-Compose version information |