

## Docker Network Drivers

Docker Networks actually support different kinds of "**Drivers**" which influence the behavior of the Network.

The default driver is the "**bridge**" driver - it provides the behavior shown in this module (i.e. Containers can find each other by name if they are in the same Network).

The driver can be set when a Network is created, simply by adding the `--driver` option.

```
docker network create --driver bridge my-net
```

*Of course, if you want to use the "bridge" driver, you can simply omit the entire option since "bridge" is the default anyways.*

Docker also supports these alternative drivers - though you will use the "bridge" driver in most cases:

- **host**: For standalone containers, isolation between container and host system is removed (i.e. they share localhost as a network)
- **overlay**: Multiple Docker daemons (i.e. Docker running on different machines) are able to connect with each other. Only works in "Swarm" mode which is a dated / almost deprecated way of connecting multiple containers
- **macvlan**: You can set a custom MAC address to a container - this address can then be used for communication with that container
- **none**: All networking is disabled.
- **Third-party plugins**: You can install third-party plugins which then may add all kinds of behaviors and functionalities

As mentioned, the "**bridge**" driver makes most sense in the vast majority of scenarios.