

Technical Guide

(Installing a NATS Server)

Here is the list of different ways you can install or run NATS:

- 1. Docker**
- 2. Package Manager**
- 3. Development Build**

1. Installing via Docker

With Docker you can install the server easily without scattering binaries and other artifacts on your system. The only pre-requisite is to install docker.

```
docker pull nats:latest
```

To run NATS on Docker:

```
docker run -p 4222:4222 -ti nats:latest
```

2. Installing via a Package Manager

2.1. On Windows:

```
choco install nats-server
```

2.2. On Mac OS:

```
brew install nats-server
```

2.3. On Linux:

```
yay nats-server
```

3. Installing From the Source

If you have Go installed, installing the binary is easy:

```
go install github.com/nats-io/nats-server/v2@latest
```

This mechanism will install a build of the main branch, which almost certainly will not be a released version. If you are a developer and want to play with the latest, this is the easiest way.

To test your installation (provided \$GOPATH/bin is in your path) :

Type:

```
nats-server
```