# Pantheon Quickstart Setup Sheet

These instructions guide you through an easy install of the Pantheon Quickstart and its prerequisites. You can then do a test run of Pantheon to make sure it works. This will save you considerable time and allow the Pantheon onboarding webinar to go smoothly.

## Hardware Requirements

* Pantheon is supported on Mac OS, Linux, and Windows.
* Your computer should have at least 4 GB RAM.
* The tutorial runs a small test network that requires minimal disk space (less than 2GB).

## Software Requirements

### Prerequisite Supporting Software

Before starting the tutorial, install the following:

* [Git](https://git-scm.com/downloads) or [GitHub Desktop](https://desktop.github.com/) \*
* [Docker and Docker Compose](https://docs.docker.com/compose/install/) \*
* [Postman IDE](https://www.getpostman.com/)
* The [MetaMask](https://metamask.io/) plug-in installed on a supported web browser (Chrome, Firefox, Opera, Brave) \*

\* Requires an account setup.

**Note** You have the option not to use Git if you download the repo as a .zip file. The repo will be extracted in a folder called pantheon-quickstart-master; rename it pantheon-quickstart.

**For Windows** Docker for Windows includes Compose, so you don't need to install it separately. Docker for Windows requires: Windows 10 Pro, Enterprise, or Education (64-bit). See [Install Docker for Windows](https://docs.docker.com/docker-for-windows/install/) for details.

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### Download Pantheon and Nginx Images

Run the following Docker commands to retrieve the precompiled Pantheon and Nginx images from DockerHub:

docker pull pegasyseng/pantheon

docker pull nginx:alpine

### Install the Pantheon Quickstart

The Pantheon Quickstart is stored in a dedicated GitHub repo. Just clone the repo or download the files to your computer and you'll be ready to run the Quickstart.

To clone the repo:

git clone https://github.com/PegaSysEng/pantheon-quickstart.git

**Note** If you don't want to use Git, you can download the ZIP file of the repository from the GitHub site at: https://github.com/PegaSysEng/pantheon-quickstart.

The Pantheon Quickstart files include the Docker configuration files, the Alethio Light Block Explorer, and scripts that run the pantheon executable image from DockerHub (which you installed above).

**For Windows** If you want to open Quickstart files to examine the code, make sure to set your IDE or text editor to use LF (UNIX) format (\n character) as the end of line (EOL). Not doing so can cause the code to malfunction.

### Test Run the Scripts

Start a terminal window, move to pantheon-quickstart, and run the following scripts to make sure Pantheon runs properly:

cd pantheon-quickstart

./run.sh

To stop the network, run the stop.sh script:

./remove.sh