

NetLogo Instructions

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These instructions are for a PC installation. The steps need for a Mac installation are similar.

1. Got to <https://ccl.northwestern.edu/netlogo/> . Click “Download NetLogo” (not “Go to NetLogo Web”). Click Download again, then choose the version that is most appropriate for your computer. This will put an “installer” in your Downloads folder. Launch the installer and follow any directions that are given. If you are prompted to make choices as the install progresses, accept the defaults unless you have a specific reason for doing otherwise. Four different pieces of software will likely be installed and will appear in the Start Menu: NetLogo, NetLogo 3D, Behaviorsearch, and HubNet Client. However, the only one of these that is actually need here is NetLogo. The download and install are fairly simple and quick, maybe 5 minutes or so. And it’s free!
2. Once NetLogo has been installed, ValSeek(2.0) should be recognized as a NetLogo model. To launch ValSeek(2.0), simply click on it—you do not need to do anything with NetLogo in your Start Menu.

If you are new to NetLogo and want to know more about it, the following is recommended. However, they are **not needed** in order to explore the ValSeek(2.0) model.

3. Launch NetLogo (either by clicking on the model or by clicking NetLogo in the Start Menu).
4. Click Help, then click NetLogo User Manual. This will bring up a web page. On the left is a menu. The top few items of that menu appear below. These provide an overview of NetLogo, how to run models, and a bit on how to build models (but a lot more is needed for the latter, much of which is provided in the remaining menu items).

Introduction

- [What is NetLogo?](#)
- [Sample Model: Party](#)

Learning NetLogo

- [Tutorial #1: Models](#)
- [Tutorial #2: Commands](#)
- [Tutorial #3: Procedures](#)

5. Work through the first three parts, “What is NetLogo?,” “Sample Model: Party,” and “Tutorial #1: Models.” This will take you an hour or so, but is well worth the time spent. It will give you enough information to be able to comfortably run any NetLogo model you encounter. To get a bit more into the weeds, skim “Tutorial #2: Commands” and “Tutorial #3: Procedures.” By the time you are done, you should have a general understanding of the Interface tab and the various sorts of controls, monitors, and plots

it can contain, where to look for information about a particular model (the Info tab), and what is in the Code tab (but not necessarily be able to read the latter).

6. Explore the model library. The “Sample Model: Party” section of the User Manual explains how to find that library. There are lots of interesting models there. Two fun and informative models that are easily grasped Segregation (under Social Science) and Flocking (under Biology). There are many other cool models to play with.
7. Congratulations, you are now a NetLogo user!