**Step-By-Step Environment Setup**

* Download and install Node.js: <https://nodejs.org/en/download/>
* Download and install Atom: <https://atom.io/>
* Install the following package in Atom: language-ethereum
* Install MetaMask into Chrome or Firefox: <https://chrome.google.com/webstore/detail/metamask/nkbihfbeogaeaoehlefnkodbefgpgknn>
* Install git: <https://git-scm.com/downloads>
* Install Windows build tools (for Windows only) - open cmd window as admin:   
  npm install --global --production windows-build-tools

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* For quick Smart-Contract prototyping, use Remix (nothing to install): <http://remix.ethereum.org>

**Optional - Ganache UI:**

* Download and install the Ganache UI (provides a local Ethereum node emulator): <https://truffleframework.com/ganache>

**For Windows 8: Install and start Ganache from its source code:**

* Clone (or download) the Ganache repository:   
  git clone https://github.com/trufflesuite/ganache.git
* Install all npm modules: open a cmd window, navigate to the downloaded Ganache directory and execute: npm install
* Run Ganache: open a cmd window, navigate to the downloaded Ganache directory and execute: npm start