

# Git and github.com cheat sheet

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command	Description
<b>git clone &lt;URL of the remote repository&gt; [local repo name]</b>	Clone remote repository, optionally renaming the local copy of it.
<b>git config --system &lt;params&gt;</b>	<p>Set configuration parameters for all users at the local host, requires root permissions, saves &lt;params&gt; in the <code>/etc/gitconfig</code>. Some params (when setting on the terminal, separate paramater value from name with whitespace):</p> <ul style="list-style-type: none"><li>- <code>core.editor</code> Editor to use to enter comments when committing. E.g. <code>git config --system core.editor vim</code>.</li><li>- <code>diff.tool</code> Diff tool to use, e.g. <code>vimdiff,vimdiff2,xxdiff,gvimdiff</code></li><li>- <code>user.email</code> Email to be included in each commit.</li><li>- <code>user.name</code> Full name to be included in each commit.</li></ul>
<b>git config --global &lt;params&gt;</b>	Set <params> for ALL repositories of a user on the local host, saves <params> in the <code>~/.gitconfig</code> or <code>~/.config/git/config</code> .
<b>git config --local &lt;params&gt;</b>	(default) Set <params> for a specific repository only, should be run when inside this repository, saves <params> in the <code>.git/config</code> inside the repository.
<b>git config --list --show-origin</b>	View all the settings with their origins.

command	Description
<b>Contribute to a project (pull request/PR) on Github.com</b>	<p>Steps to contribute to some project on the github:</p> <ol style="list-style-type: none"><li>1. Fork the project you want to contribute to.</li><li>2. Clone the fork to your local system.</li><li>3. Make a new custom (non-master) branch inside it.</li><li>4. Make your changes.</li><li>5. Push this branch to your Github account.</li><li>6. Open a Pull Request on the Github.com for the project owner to review &amp; merge.</li></ol>