Subject: [LANDIS-II Developers] GitHub - checking out (cloning) code

From: Brian Miranda brmirand@gmail.com

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To: landis-ii-developers@googlegroups.com

Hi everyone,

I am new to GitHub and started poking around with it today. In the process I have run into a few questions that I am hoping those with more GitHub experience can explain for me. The first question I ran into is how to properly check out code. I gather that in GitHub you actually just get a clone of the code and then once code changes have been committed, they are 'pushed' back to the repository. With SVN on Google code, I was able to just checkout the portion of the code that I was interested in working with; for example the 'src' folder for a single extension. So far with GitHub, I only see how to clone an entire repository at once (e.g., Extensions–Output). I don't see how to check out only output–biomass, for example. Likewise, I was thinking about making a branch for one of the extensions, but it appears that this would create a branch for the entire repository.

I got used to working with the code a certain way with SVN and Google code, and I'm sure I will get used to the way it works in GitHub as well. I could just use a few pointers to help me figure out the GitHub equivalents to the way I used to do things. I've done some reading on how GitHub works, and I did successfully make some code changes today and commit and push them on the repository, so it's not totally confusing to me. I just want to make sure I'm not missing something on the checkout/cloning of code before I get too deep. Thanks in advance for any advice!

Cheers,
-Brian

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