R·I·T	Rochester Institute of Technology Golisano College of Computing and Information Sciences Department of Information Sciences and Technologies

4002-XXX
Software Development on Linux Systems
Lab 02 – Open Source Community Involvement and Data Gathering

Name: _____   **Section:** _____

Activity – Open Source Community Involvement : IRC

The open source community builds on open communication and community involvement. One aspect of this is being able to communicate effectively with communities and with your group. One of the most popular forms of communication in the open source community is IRC.

For this lab, you will join a class – wide IRC. This is one of the recommended ways of communicating with your group members for the project.

Using the IRC client of your choice or http://webchat.freenode.net/ join the class IRC channel. **Your professor should assign a channel to join, but you are welcome to make your own channel.**

To join a channel using the channel name the professor provides, type
/join #channelname

Note: if you are using webchat, make sure you type the # before the channel name

If you would like to make your own channel, follow these instructions.

To create a channel type the follow (the channel name must NOT already exist)
/join #channelname

To set the channel description
/topic #channelname This is the channel description

For further information on setting up IRC, private/secret channels and IRC commands refer to these outside references.
http://freenode.net/faq.shtml

http://en.wikipedia.org/wiki/List_of_Internet_Relay_Chat_commands

Instructor / TA signoff: _____

Activity – Open Source Community Involvement : Blog

Open source software usually does not use a "blackbox" approach to development. Developers are actively discussing their work and development online in order to provide documentation and awareness, as well as allow feedback from potential users during the development cycle. This can also be a way to get others involved in the project.

For this lab, you will need to create a blog (wordpress, tumblr, blogger, etc) in order to keep your documentation and progress. Documentation for the project (including design/developement decisions) must be handed in through each group member's individual blog.

1) Create a blog using the service of your choice
2) Create your first post describing this class and your decision to take it
3) Create a blog recapping the brainstorming lab and the domains/ideas that came. Explain the process that your group used.
4) Create a blog describing your project idea and why that idea was the chosen as the final.

Instructor / TA signoff: _____

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Activity – Data Gathering

For your project idea, individually begin to identify open source software you might use for your project. You will not be locked into using any of these, but it is important to identify potential packages in advance. Examples of these packages may be c++, python, MySQL, Sqlite, SDL, OpenGL, etc. All of these packages must be open source licensed.

For this activity, list the packages you may use and what you would plan to use them for in this project. You will add these to your blog to get credit.

<u>**Package**</u>   **: Purpose**_____

_____:_____

_____:_____

_____:_____

_____:_____

_____:_____

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-- Provide more if necessary --

Remember to add these to your blog in order to get credit

Instructor / TA signoff: _____