 Experimental: DICOM/Image viewers, fsl tools, software to drive the big machines Data Analysis: Simple/complex libraries, from numpy, scipy to scikit-learn, tensorflow Simulators: Neuron, NEST, plenty more Lots of hardware and software is required for basic neuroscience research. 	
1. simple definitions	
Full of people from various fields Not all have the required XP	
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1. Given how interdisciplinary neuroscience is, most researchers are NOT trained in development 2. based on anecdotal evidence, software used in research is not of the best quality 3. may or may neet development standards 4. may have an instruction set on how to install/use the software 5. resolving dependencies can be difficult	

- 1. The other side of the bridge is the users 1. role of distros: 2. also suffer from resolving dependencies 2. liaison between the users and developers 3. lack the required skill/knowledge of programming, they have a hard time setting up and using the software 4. If correctness of a tool cannot be verified, how can the correctness of the scientific result be claimed?
- 3. provide feedback, report bugs to the dev 4. simplify installation/usage XP
- 1. high end servers. multiple mirrors across the globe $% \left(1,...,n\right) =\left(1,...,n\right) \left(1,...,n$ firm packaging guidelines; go through a heavy-duty review process; proper testing of the software before releasing to the general user

 3. many contributors hail from different backgrounds, and have a lot to learn 4. provide help to the users