



Test-Driven Development of Galaxy Tools

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The Resources

- The VM can be obtained @
 - Travelling USB sticks with the `planemo_machine.ova` image
 - <https://images.galaxyproject.org/planemo/latest.ova>
- This slidedeck is at <http://bit.ly/15testingdeck>
- Tutorial <http://bit.ly/15planemotdd>

Turn on your engines!

- start the VM
 - install <https://www.virtualbox.org/>
 - double click the .ova image to load
 - run from the Virtual Box interface
- or run a Planemo appliance by following <http://planemo.readthedocs.org/en/latest/appliance.html>

Navigating around the VM

- username/password = **ubuntu/ubuntu**
- clipboard is shared in between VM and your PC
- Terminal
 - **ctrl+shift+C** = copy; **+V** = paste
- Firefox, Atom
 - **ctrl+C** = copy; **+V** = paste
- Galaxy running at <http://localhost:80>
 - folder with tools at **/opt/galaxy/tools**
- Tool Shed running at <http://localhost:9009>
- various useful **links on** virtual machine's **desktop**

BWA Example - Getting Ready

- Open Terminal (icon on desktop).
- Run `brew install homebrew/science/bwa`
- Run `cd /opt/galaxy/tools`
- Follow Tutorial <http://bit.ly/15planemotdd>