

PyBOMBS & CGRAN — An Introduction

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GNU Radio Conference 2016



Outline

How do I even get started with GNU Radio?



Let's assume for just one minute...

...that I have no idea how to get started with GNU Radio.



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- ...that I have no idea how to get started with GNU Radio.
- I mean, I literally don't even know how to run the examples and tutorials.



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- I mean, I literally don't even know how to run the examples and tutorials.
- No worries. We've got you covered.



The GNU Radio Live DVD



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- apt-get install gnuradio use your package manager, whatever that is



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- Source Builds









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- A Linux or Mac box (one day we'll have Windows covered, but not today)
- Fedora, Ubuntu, CentOS, Debian, and probably many other distros fine
- Python 2.7



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- And what else...
- Nope, that's it!



Getting started with PyBOMBS

- Install PyBOMBS: pip install pybombs
- Optionally install PyBOMBS GUI: pip install pybombs-qtgui
- Let's just install GNU Radio and all major dependencies:
- pybombs prefix init -a default -R gnuradio-default /path/to/prefix/