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### **GNU Radio Tutorial Series - YouTube**

FPGA Accelerators in GNU Radio with Xilinx's Zynq System on Chip. Jonathon Pendlum (jon.pendlum@gmail.com), GSoC 2013  
Moritz Fischer (moritz.fischer@ettus.com) Many signal

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processing blocks in GNU Radio exhibit parallelism and can be efficiently mapped to the architecture of a Field Programmable Gate Array (FPGA).

### **Gnu Radio Tutorials Ettus**

GNU Radio Tutorials Labs 1 - 5 Balint Seeber Ettus Research  
Version 1.0 (18th April 2014) Comments & suggestions welcome:  
balint@ettus.com @spenchnet

### **Guided Tutorial Hardware Considerations - GNU Radio**

GNU Radio Tutorials: Part 1 - GRC, Sources, Sinks, Audio & GUI  
Blocks

### **SDR Academy | Ettus Research, a National Instruments Brand ...**

One of the great strengths of GNU Radio, though, is how easy it

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is to move from simulation to real-world operation. In this tutorial, we will build on what you have learned so far and create real-world transmitters and receivers. In this tutorial, we will take your previous QPSK design and turn it into an actual transmitter.

### **Getting Started with RFNoC Development - Ettus Knowledge Base**

GNU Radio; LabVIEW™ MATLAB®/Simulink® ... and the UHD/API manual. The first part describes details of Ettus Research devices, motherboards and daughterboards, as well as aspects of using UHD. The second is meant for developers writing UHD-based applications, and includes descriptions of the API, sorted by namespaces, classes, and files ...

### **RFNoC Getting Started Video Tutorial**

Video tutorials on how to use GNU Radio. I have started by going through some of the fundamentals and 'thought experiments'

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that do not require any additional hardware.

### **SDR Software - GNU Radio - Ettus Research | Ettus Research ...**

Corgan Labs is one of several partners you will find in the USRP ecosystem. Founded by Johnathan Corgan, long-time release manager of the GNU Radio[link] project, Corgan Labs offers SDR training and application design services. Recently, Corgan Labs adopted the Ettus Research Instant SDR Kit as a standardized training platform. Now, attendees can receive low-cost hardware, be up and running ...

### **GNU Radio Tutorials - Ettus**

Balint's SDR Tutorials. Here is some content to get you started with SDR: (This assumes you already have GNU Radio installed.). Python; Learn some Python basics for use with GNU Radio and GRC (GNU Radio Companion). Labs 1 - 5 in GRC

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## **GNU Radio Tutorials: Part 1 - GRC, Sources, Sinks, Audio & GUI Blocks**

RFNoC Getting Started Video Tutorial - USRP X300/X310 This video is based on the App Note located in the Ettus Research Knowledge base: [https://kb.ettus.com/...](https://kb.ettus.com/)

## **N200/N210 Getting Started Guides - Ettus Knowledge Base**

Welcome to the Ettus Research Knowledge Base (KB). The KB is continuously being updated and expanded. If you have any suggestions, or do not find what you are looking for, then please Contact Us.

## **Zynq - GNU Radio**

app\_notes/ 15-Sep-2019 12:03 - b2x0\_enclosure/ 15-Jun-2015 20:24 - b2xx\_resources/ 08-Apr-2016 10:37 - binaries/

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e3xx\_images/ 04-Apr-2017 11:30 - e3xx\_resources/ 08-Apr-2016  
10:49 - favicon.ico 30-Jun-2015 15:51 1.1K licenses/ 10-Feb ...

### **An Introduction to Python for use with GNU Radio - Ettus**

Ettus Research 147,594 views. ... Swift Programming Tutorial for Beginners (Full Tutorial) - Duration: ... Simulación de Sistemas de Comunicaciones utilizando GNU Radio - Duration: ...

### **Suggested Videos - Ettus Knowledge Base**

The gr-ettus out-of-tree module (OOT) allows a user to use RFNoC blocks in their local GNU Radio / GNU Radio Companion (GRC) installation. This GNU Radio OOT contains blocks that allow you to configure your FPGA through GRC.

### **GNURadio Beginner's tutorial**

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Welcome to the SDR Academy! Here you can watch several informational videos around SDR topics, from software toolchain options to getting started to application tutorials. Check back often as we'll be adding new content over time.

## **Ettus Knowledge Base**

An Introduction to Python for use with GNU Radio Version 1.0 (18th April 2014) Balint Seeber Ettus Research Comments & suggestions welcome: balint@ettus.com @spenchnet

## **Getting Started with UHD and C++ - Ettus Knowledge Base**

N200/N210 Getting Started Guides. From Ettus Knowledge Base. Jump to: navigation, search. Contents. ... All Ettus Research products are individually tested before shipment. The USRP™ is guaranteed to be functional at the time it is received by the customer. ... (UHD and GNU Radio) on Linux, OS X and Windows



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Application Notes. Release 3.8.4 or ...

## **Corgan Labs Offers Training for GNU Radio ... - Ettus Research**

Video Tutorials for GNU Radio. Video tutorial from the GNU Radio Project; [https://wiki.gnuradio.org/index.php/Guided\\_Tutorials](https://wiki.gnuradio.org/index.php/Guided_Tutorials).  
Video tutorial from Ettus Research

## **Balint's SDR Tutorials - Ettus**

GNU Radio is a free software development framework that provides signal processing functions for implementing software-defined radios. The framework offers a graphical design approach in addition to supporting development in Python and C++.

## **files.ettus.com:/**

LabVIEW seems to be the easy and straight-forward software to

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use NI USRPs. I don't know much about LabVIEW but I know a bit about programming in GNU radio. It seems extremely flexible and attractive, at least for a programmer. So my question is that am I going to face too much trouble to get the NI USRP to work with GNU radio? I read here and there about the FPGA image and firmware.