- Free and Open Source Software (FOSS) development toolkit to implement software radios

- Offers blocks for digital signal processing (DSP)

- Stable Python and C++ API, graphical dataflow editor, plenty examples

- Can be used with readily-available low-cost RF hardware to create software-defined radios, or without hardware as a simulation environment

- Widely used in research, industry, academia, government, and hobbyist environments for wireless communications research and real-world radio systems