

Download of Qucs-S and NGSpice

Windows

- Download Qucs-S (Qucs with Spice)
 - **Qucs-S Help**
- **Download NGSpice for Qucs-S**
 - OBS.: Unpacking has to go to C:\SPICE



Installation of Qucs-S

Qucs-S: Qucs with SPICE

Download links

The latest stable release is Qucs-0.0.22. It is based on stable Oucs-0.0.19:

- · Documentation at the readthedocs.io and here
- Source tarball: qucs-s-0.0.22.tar.gz
- Github repository
- · AppImage for all Linux distributions at Github
- . Debian repository (32 and 64 bit), built with openSUSE OBS: Debian 10 "Buster", Debian 9 "Stretch", Debian 8 "Jessy", Debian 7 "Wheezy" and Ubuntu 14.04, 16.04, and 18.04
- RPM Packages (32 and 64 bit) for CentOS and Fedora-24, 25, and 26
- Slackware>=14.1 SlackBuild
- Windows installer (Zipped EXE) qucs-s-0.0.22-setup.zip

(Installation instructions...)

Contibuition guide

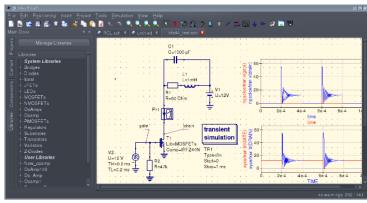
Qucs-S is open for everyone's contribution. See here for contribution guide.

News

- . January, 19, 2020 Ques-S-0.0.22 is released! See Release notes and dowload link
- . October, 31, 2018 Oucs-S-0.0.21 is released! See Release notes and dowload link
- June, 24, 2018 Added packages for Ubuntu 18.04
- . October, 31, 2017 Ques-S-0.0.20 is released! See Release notes and dowload link
- · October, 25, 2017 Added packages for CentOS and Fedora
- January, 26, 2017 Qucs-S 0.0.19 is released! The first stable release. Release announcement
- . November 8, 2016 Qucs-S RC8 released. Release notes and download
- September 3, 2016 Oucs-S RC7 released, Release notes and download link
- May 15, 2016 Ques-S RC6 released. Release notes and download link
- . March 23, 2016 Ques-S RC5 released. Release notes and download link
- . January 31, 2016 Oucs-S RC4 released, Release notes and download link.
- · August 29, 2015 Qucs-S RC3 released.
- July 28, 2015 Ques-S RC2 released.
- . July 25, 2015 Oucs-S RC1 released.

Click here to download

Simulation example with Qucs-S and Ngspice



(More screenshots...)

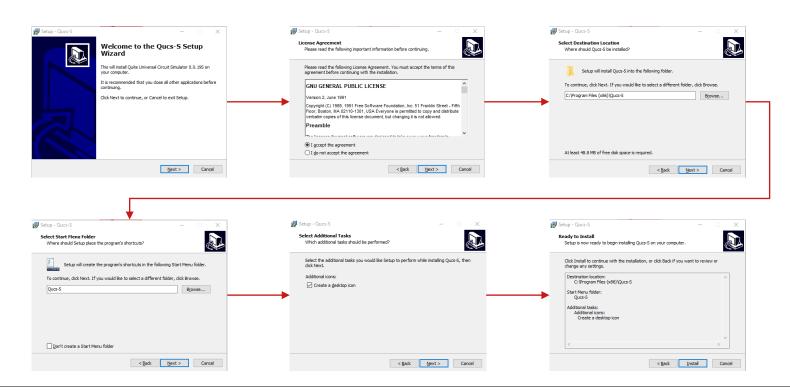
Publications

Ques-S is also a research software. Check our publication list.





Installation of Qucs-S



Installation of NGSpice for Qucs-S

Oucs-S: Oucs with SPICE

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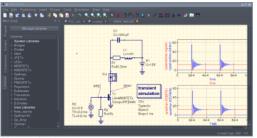
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Simulation example with Oucs-S and Ngspice



(More screenshots...)

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What is Oucs-S?

Ques-S is a spin-off of the Ques GUI. It merges the power of SPICE and the simplicity of the Ques GUI. Ques intentionally uses its own SPICE incompatible simulation kernel Quesator. It has advanced RF and AC domain simulation features, but most of the existing industrial SPICE models are incompatible with it. Ques-S is not a simulation by itself, but it requires to use a simulation backend with it. The schematic document format of Qucs and Qucs-S are fully compatible. Qucs-S allows to use the following simulation kernels with it:

- Ngspice is recommended to use. Ngspice is powerful mixed-level/mixed-signal circuit simulator. The most of industrial SPICE models are compatible with Ngspice. It has an excellent performance for time-domain simulation of switching circuits and powerful postprocessor. XYCE is a new SPICE-compatible circuit simulator written by Sandia from the scratch. It supports basic SPICE simulation types and has an advanced RF simulation features such as Harmonic balance simulation.
- SpiceOpus is developed by the Faculty of Electrical Engineering of the Ljubljana University. It based on the SPICE-3f5 code
- Oucsator as backward compatible

Click here to be forwarded





Installation of Qucs-S

Unzip Ngspice package strictly to the C:\SPICE location.



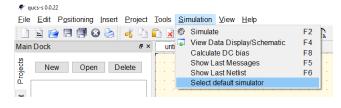
coursera

Setting NGSpice into Qucs-S

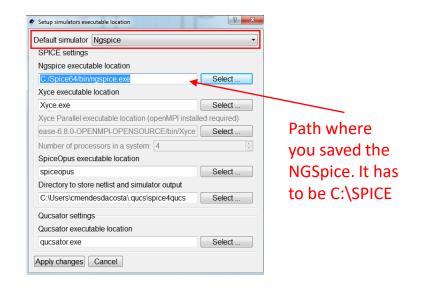
1. From *Start* menu open Qucs-S Simulator



2. Go to Simulation menu and open Select default simulator



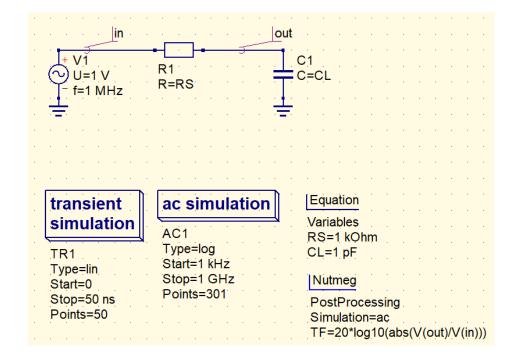
3. Select Ngspice in the Default simulator, and set its path to C:\SPICE



Simulation example

Low Pass Filter Simulation

- Transient
- AC





Thanks for watching!



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