Beginners guide to Fldigi

Fldigi is a computer program intended for Amateur Radio Digital Modes operation using a PC (Personal Computer). Fldigi operates (as does most similar software) in conjunction with a conventional HF SSB radio transceiver, and uses the PC sound card as the main means of input from the radio, and output to the radio. These are audio-frequency signals. The software also controls the radio by means of another connection, typically a serial port.

Fldigi is multi-mode, which means that it is able to operate many popular digital modes without switching programs, so you only have one program to learn. Fldigi includes all the popular modes, such as DominoEX, MFSK16, PSK31, and RTTY.

Unusually, Fldigi is available for multiple computer operating systems; FreeBSD™; Linux™, OS X™ and Windows™.

www.w1hkj.com/beginners.html

DigiPan - A Freeware Program for PSK31 and PSK63

DigiPan stands for "Digital Panoramic Tuning" and brings the ease and simplicity of PANORAMIC reception and transmission to PSK31and PSK63 operation. DigiPan provides a panoramic display of the frequency spectrum in the form of an active dial scale extending the

full width of the computer screen. Depending upon the transceiver IF bandwidth, it is possible to "see" as many as 40 to 50 PSK31 stations at one time. Low-cost transceiver kits for 10 meters, 20 meters, 30 meters, 40 meters, and 80 meters, the PSK-10, PSK-20, PSK-30, PSK-40, and Warbler (PSK-80), are available from Small WonderLabs that make full use of DigiPan's panoramic capabilities through the use of a 3000 Hz wideband IF. An article about DigiPan and the panoramic transceiver can be found starting on page 33 of the June, 2000, QST magazine.

www.digipan.net

DTMF Tone Generator Applet

The applet generates DTMF (Dual Tone Multi-Frequency) tones as used on TouchTone phones. The number can be dialled by clicking the appropriate buttons on the keypad or pressing the keys 0 - 9, *, # etc on your keyboard.

www.dsptutor.freeuk.com/dtmf/ToneGenerator.html

Frequency Chart of most used Modes

Frekvenstabell med olika trafikmoder angivna

www.qsl.net/k3asi/modechart.htm

EasyPAL - Program för SSTV

www.g4rob.co.uk/easypalarchive.htm

EUROPEAN PSK CLUB

Dedicated to the world of Phase Shift Keying

eu.srars.org

Operating Modes

Gigantisk länksamling för alla tänkbara moder

www.ac6v.com/opmodes.htm

K0kn Web Page

Trevlig sida med bra text, scheman och länkar.

http://www.qsl.net/k0kn

Kantronics

Radiomodem, TNC, trackers mm

www.kantronics.com

MM Hamsoft and MMTTY

It all started in 2000 and by August, of that year I had the first English website for MMTTY online! A lot of things have changed over the years including the website but through it all MMTTY has remained the most popular RTTY program of all time!

http://mmhamsoft.amateur-radio.ca

Undvik jordslingor när du kopplar ihop dator och radio

Tips hur du bygger en isolerande låda mellan burkarna och hur du kopplar modem för FSK, AFSK och RTTY

www.ik3qar.it/rtty/1/

AA5AU RTTY Page

Allt om hur du kommer igång med RTTY

www.aa5au.com/rtty.html

RV3APM

Rysk sida med massor om programvara för digitala moder.

www.qsl.net/rv3apm/

Hur låter det när man kör digitalt?

Ljudprover på olika moder

www.nonstopsystems.com/radio/radio-sounds.html

WELCOME TO W0QL'S PSK31 WEB PAGE

PSK31, in my opinion, is one of the neatest new modes to come out of the 1990's. Consider some of it's features. The bandwidth is as narrow as CW so it gets through in the toughest of band conditions (just like CW). It's cost is very low due to the fact that an existing PC will probably work fine along with free downloadable software. The only hardware needed may be available from your junk box, or from Radio Shack at low cost. You can even go mobile with PSK: PSK Mobile-In-Motion. But the real charm of PSK31 is the ability to ragchew. Ragchew endlessly keyboard-to-keyboard to anywhere in the world.

www.idcomm.com

Understanding Soundcard Interfacing

This page is an attempt to correlate the interfacing schemes for various Radio models, and Sound Card configurations. Since 26th December 1998, when the sound card version of PSK31 was first introduced to the Ham community, and after much dialog, experimentation and confusion, an interfacing pattern slowly emerged. I feel that an understanding of this pattern is valuable and can save you a lot of time and grief. Please note that each circuit references various letters which will correlate with the Radio pin-outs on the various popup tables available. Just click the manufactures button below, pick your radio and read off the hook-up points.

http://www.qsl.net/wm2u/interface.html

Weak Signal Communication Software

WSJT, MAP65, and WSPR are open-source programs designed for weak-signal digital communication by amateur radio. Normal usage requires a standard SSB transceiver and a personal computer with soundcard. SimJT is a utility that generates simulated signals for test purposes. Ready-to-run Windows versions of all four programs are available for free download. Installation files for Linux are available for WSJT and WSPR. For other operating systems, see the Program Development page.

http://physics.princeton.edu/pulsar/K1JT/