InterSnoop Help Index

Click on an object below to learn more about it...

...or select from the topics listed below.

Commands
> File menu
> Edit menu
> Action menu
> Options menu
> Help menu

You can use the following server lists to help you in your InterSnooping endeavors:
- **Big List of Whois Servers**
- **Big List of Ph Servers**

Distribution and Licensing Information
Quick and Easy Ordering Information

File menu commands

The File menu offers the following commands:

Print	Prints the current document.
Print Preview	Displays the document on the screen as it would appear printed.
Print Setup	Selects a printer and printer connection.
Save As Text	Saves the current document as a plain text file.
Exit	Exits InterSnoop.

Edit menu commands

The Edit menu offers the following commands:

Copy	Copies data from the document to the clipboard.
Paste	Pastes data from the clipboard into a Query or Server window
Delete	Deletes selected data.
Select All	Selects the entire document.
Find	Finds the specified text in the document.
Remove Entry	Removes the selected entry from the list.
Clear Window	Clears the document window.

Action menu commands

The Action menu offers the following commands to help you perform your queries:

Finger	Performs a Finger query.
Whois	Performs a Whois query.
Ph	Performs a Ph query.
DNS Lookup	Performs a DNS Lookup on a machine.
Ping	ICMP Pings a host.
Cancel Action	Cancels any pending query.
WinSock Info	Displays winsock.dll version and information.

Options menu commands

The Options menu offers the following commands:

<u>Restore Toolbars</u>	Restores all toolbars to default locations.
<u>Toolbar</u>	Shows or hides the toolbar.
<u>Input Bar</u>	Shows or hides the input bar.
<u>Cancel Button</u>	Shows or hides the cancel button.
<u>Status Bar</u>	Shows or hides the status bar.
<u>Restore Toolbars</u>	Restores toolbars to the top of InterSnoop's window frame
<u>Preferences</u>	Configure preferred settings for InterSnoop.
<u>Font...</u>	Changes the default document font.
<u>Save Options</u>	Saves your current settings.

Help menu commands

The Help menu offers the following commands, which provide you assistance with this application:

<u>Index</u>	Offers you an index to topics on which you can get help.
<u>Using Help</u>	Provides general instructions on using help.
<u>About</u>	Displays the version number of this application.

Save As Text command (File menu)

Use this command to save and name the active document.   InterSnoop displays the Save As Text dialog box so you can name your document.

File Save As Text dialog box

The following options allow you to specify the name and location of the file you're about to save:

File Name

Type a new filename to save a document with a different name.   A filename can contain up to eight characters and an extension of up to three characters.   InterSnoop adds the extension you specify in the Save File As Type box.

NOTE: InterSnoop for Windows 95 and Windows NT supports long filenames, in which you can use most characters, including spaces, periods, and semicolons. If you use spaces or semicolons in a filename, you must enclose the filename in double quotation marks (" ").

Save as type

InterSnoop saves all documents as text files and automatically appends the .TXT extension to the file name (if you haven't already provided an extension).

Drives

Select the drive in which you want to store the document.

Directories

Select the directory in which you want to store the document.

Network...

Choose this button to connect to a network location, assigning it a new drive letter.

Exit command (File menu)

Use this command to end your InterSnoop session.   You can also use the Close command on the application Control menu.   InterSnoop prompts you to save documents with unsaved changes.

Shortcuts

Mouse: Double-click the application's Control menu button.

Keys: ALT+F4

Copy command (Edit menu)

Use this command to copy selected document data onto the clipboard.

Copying data to the clipboard replaces the contents previously stored there.

Shortcuts
    Keys: CTRL+C

Paste command (Edit menu)

Use this command to paste data from the clipboard into one of the Query or Server combo boxes.

Shortcuts
    Keys: CTRL+C

Delete command (Edit menu)

Use this command to delete the currently selected text.   NOTE: the main document text is read-only, so the delete command does not apply here.

Shortcuts
    Keys: DEL

Select All command (Edit menu)

Use this command to select the entire document into the clipboard.

Remove Entry command (Edit menu)

Use this command to remove the selected query or server from its list.

Clear Window command (Edit menu)

Use this command to completely clear the document window.

Finger command (Action menu)

Use this command to perform a finger query.   If no query is specified, InterSnoop will attempt to finger the given machine.

Whois command (Action menu)

Use this command to perform a Whois query.

Ph command (Action menu)

Use this command to perform a CCSO Ph query.   The query will be interpreted as specified in the "Ph Query Type" box.

DNS Lookup command (Action menu)

Use this command to perform a Domain Name Server Lookup on a machine. You must first select (or "highlight") the name or IP address of the machine you wish to look up.

Ping command (Action menu)

Use this command to ICMP Ping a machine to see if it is alive or not.   You must first select (or "highlight") the name or IP address of the machine you wish to ping.

Cancel Action command (Action menu)

Use this command to cancel a query that is still pending.

WinSock Info command (Action menu)

Use this command to display information about your machine's implementation of WinSock.

Toolbar command (Options menu)

Use this command to display and hide the Main Toolbar, which includes buttons for some of the most common commands in InterSnoop (such as Finger).   A check mark appears next to the menu item when the Toolbar is displayed.

InterSnoop's toolbars are "dockable" - this means you can "tear them off" and "dock" them in various configurations around the application's frame.   You can also "float" them by pulling them away from InterSnoop's window frame.

See <u>Toolbar</u> for help on using the InterSnoop's toolbars.

Input Bar command (Options menu)

Use this command to display and hide the Input Bar, which is the part of InterSnoop's interface that allows you to formulate queries. A check mark appears next to the menu item when the Input Bar is displayed.

InterSnoop's toolbars are "dockable" - this means you can "tear them off" and "dock" them in various configurations around the application's frame. You can also "float" them by pulling them away from InterSnoop's window frame.

See <u>Toolbar</u> for help on using the InterSnoop's toolbars.

Query (Input Bar)

This is where you enter your query.   For instance, if you wanted to finger the user "goober," you would type "goober" in this box.   If, however, you wish to finger a particular machine, delete all text from the query box.   The "Finger Server" machine will be used as the target of the finger.

The Query Input area is implemented as a "Drop-Down Combo Box" which remembers the last twenty elements that have been in it.   Click on the down arrow to the right of the input area to select from this list.

Finger Server (Input Bar)

This is where you specify the machine from which you would like to retrieve information for your finger queries.

The Finger Server area is implemented as a "Drop-Down Combo Box" which remembers the last twenty elements that have been in it.   Click on the down arrow to the right of the input area to select from this list.

Whois Server (Input Bar)

This is where you specify the machine from which you would like to retrieve information for your finger queries.

The Whois Server area is implemented as a "Drop-Down Combo Box" which remembers the last twenty elements that have been in it.   Click on the down arrow to the right of the input area to select from this list.

Ph Server (Input Bar)

This is where you specify the machine from which you would like to retrieve information for your finger queries.

The Ph Server area is implemented as a "Drop-Down Combo Box" which remembers the last twenty elements that have been in it.   Click on the down arrow to the right of the input area to select from this list.

Additionally, you will find (to the right of the Ph Server Combo Box) a section that allows you to specify what type of Ph Query you would like to perform.   For instance, if you had a telephone number (say 555-8088) and wanted to know whose it was, you would click the **Phone** radio button and then enter 5558088 in the Query area.   **Name** and **Email** work similarly.

The **Custom** selection is for advanced users who wish to perform specialized searches.   When this button is selected, the Query text is interpreted as a complete Ph query (in Ph query syntax of course).

Cancel Button command (Options menu)

Use this command to display and hide the animated Cancel Button.   A check mark appears next to the menu item when the Cancel Button is displayed.

InterSnoop's toolbars are "dockable" - this means you can "tear them off" and "dock" them in various configurations around the application's frame.   You can also "float" them by pulling them away from InterSnoop's window frame.

See Toolbar for help on using the InterSnoop's toolbars.

Restore Toolbars command (Options menu)

Use this command to display all toolbars in a default configuration.

InterSnoop's toolbars are "dockable" - this means you can "tear them off" and "dock" them in various configurations around the application's frame.   You can also "float" them by pulling them away from InterSnoop's window frame.

See Toolbar for help on using the InterSnoop's toolbars.

Preferences command (Options menu)

Use this command to display a dialog box that will let you configure some aspects of InterSnoop's behavior.

Save Options command (Options menu)

Use this command to save your current application options and preferences.

Font command (Options menu)

Use this command to display a dialog box that will let you choose the font that InterSnoop uses.

Toolbar

Click on an object below to learn more about it...

Status Bar command (Options menu)

Use this command to display and hide the Status Bar, which describes the action to be executed by the selected menu item or depressed toolbar button, and keyboard latch state. A check mark appears next to the menu item when the Status Bar is displayed.

See Status Bar for help on using the status bar.

Status Bar

The status bar is displayed at the bottom of the InterSnoop window.   To display or hide the status bar, use the Status Bar command in the Options menu.

The left area of the status bar describes actions of menu items as you use the arrow keys to navigate through menus.   This area similarly shows messages that describe the actions of toolbar buttons as you depress them, before releasing them.   If after viewing the description of the toolbar button command you wish not to execute the command, then release the mouse button while the pointer is off the toolbar button.

The right areas of the status bar indicate which of the following keys are latched down:

Indicator	Description
CAP	The Caps Lock key is latched down.
NUM	The Num Lock key is latched down.
SCRL	The Scroll Lock key is latched down.

Index command (Help menu)

Use this command to display the opening screen of Help.   From the opening screen, you can jump to step-by-step instructions for using InterSnoop and various types of reference information.

Once you open Help, you can click the Contents button whenever you want to return to the opening screen.

Using Help command (Help menu)

Use this command for instructions about using Help.

About command (Help menu)

Use this command to display the copyright notice and version number of your copy of InterSnoop.

Context Help command

Use the Context Help command to obtain help on some portion of InterSnoop.   When you choose the Toolbar's Context Help button, the mouse pointer will change to an arrow and question mark.   Then click somewhere in the InterSnoop window, such as another Toolbar button.   The Help topic will be shown for the item you clicked.

Shortcut
　　Keys:　　SHIFT+F1

Title Bar

The title bar is located along the top of a window.   It contains the name of the application and document.

To move the window, drag the title bar.   Note: You can also move dialog boxes by dragging their title bars.

A title bar may contain the following elements:
- Application Control-menu button
- Document Control-menu button
- Maximize button
- Minimize button
- Name of the application
- Name of the document
- Restore button

Scroll bars

Displayed at the right and bottom edges of the document window.   The scroll boxes inside the scroll bars indicate your vertical and horizontal location in the document.   You can use the mouse to scroll to other parts of the document.

Size command (System menu)

Use this command to display a four-headed arrow so you can size the active window with the arrow keys.

After the pointer changes to the four-headed arrow:

1. Press one of the DIRECTION keys (left, right, up, or down arrow key) to move the pointer to the border you want to move.
2. Press a DIRECTION key to move the border.
3. Press ENTER when the window is the size you want.

Note: This command is unavailable if you maximize the window.

Shortcut
　　Mouse:　　Drag the size bars at the corners or edges of the window.

Move command (Control menu)

Use this command to display a four-headed arrow so you can move the active window or dialog box with the arrow keys.

Note: This command is unavailable if you maximize the window.

Shortcut
    Keys: CTRL+F7

Minimize command (application Control menu)

Use this command to reduce the InterSnoop window to an icon.

Shortcut

Mouse: Click the minimize icon on the title bar.
Keys: ALT+F9

Maximize command (System menu)

Use this command to enlarge the active window to fill the available space.

Shortcut

Mouse: Click the maximize icon on the title bar; or double-click the title bar.
Keys: CTRL+F10 enlarges a document window.

Close command (Control menus)

Use this command to close the active window or dialog box.

Double-clicking a Control-menu box is the same as choosing the Close command.

Note: If you have multiple windows open for a single document, the Close command on the document Control menu closes only one window at a time.   You can close all windows at once with the Close command on the File menu.

Shortcuts
    Keys: CTRL+F4 closes a document window
                     ALT+F4 closes the a window or dialog box

Restore command (Control menu)

Use this command to return the active window to its size and position before you chose the Maximize or Minimize command.

Switch to command (application Control menu)

Use this command to display a list of all open applications.   Use this "Task List" to switch to or close an application on the list.

Shortcut
Keys: CTRL+ESC

Dialog Box Options
When you choose the Switch To command, you will be presented with a dialog box with the following options:

Task List
Select the application you want to switch to or close.

Switch To
Makes the selected application active.

End Task
Closes the selected application.

Cancel
Closes the Task List box.

Cascade
Arranges open applications so they overlap and you can see each title bar.   This option does not affect applications reduced to icons.

Tile
Arranges open applications into windows that do not overlap.   This option does not affect applications reduced to icons.

Arrange Icons
Arranges the icons of all minimized applications across the bottom of the screen.

Choose Font dialog box

Allows you to choose the default font for InterSnoop.

Find command (Edit menu)

Use this command to bring up a window that will allow you to perform text searches on the document.

Find dialog box

Allows you to perform text searches on the document.

No Help Available

No help is available for this area of the window.

No Help Available

No help is available for this message box.

InterSnoop Preferences Dialog Box

This is where you specify the default behavior of InterSnoop.

Clear screen contents before each query
Check this box to have InterSnoop erase the contents of the main window before every new query.

Use word wrap mode for main window
Check this box to have InterSnoop wrap lines that extend beyond the width of the window.

Remember toolbar locataions
Check this box to have InterSnoop remember the locations of its toolbars. This is useful if you have found a configuration you like and would like to make it the default.

Remember main window placement
Check this box to have InterSnoop "remember" both the size and placement on your desktop.   The next time you launch InterSnoop, it will come up in the same place and have the same size as when you last quit InterSnoop.

Quick and Easy Ordering Information

InterSnoop is NOT freeware - it is commercial software.   You may use your unlicensed copy for a maximum of 10 days for evaluation purposes only.   If you decide to continue using InterSnoop beyond this 10 day evaluation period, you must purchase a license.

SPECIAL OFFER FOR INTRODUCTORY RELEASE USERS !
Since this is the first release of InterSnoop, you may currently order **introductory-release discounted licenses** for InterSnoop from AKI Software Solutions by payment with check or money order.   This introductory offer entitles you to <u>free upgrades</u> of InterSnoop for <u>1 full year from the date of purchase</u>.

To order introductory discounted licenses for InterSnoop, simply print out this form and fill out the information below.

You will be sent a licensed name and key combination that will "unlock" your copy of InterSnoop software, transforming it into an officially licensed copy.   Officially licensed copies of InterSnoop of course do not display registration reminders of any kind.

The current price of one introductory discounted license is currently ONLY $US 15
(Very significant site licensing discounts are available starting at 50-user licenses.   Please email sales@akiss.lm.com for site licensing information.)

NOTE: AKI Software Solutions reserves the right to end this introductory offer with the next release.

NAME	_____
COMPANY	_____
STREET 1	_____
STREET 2	_____
CITY	_____
STATE / PROVINCE	_____
COUNTRY	_____
ZIP / POSTAL CODE	_____
E-MAIL	_____

Product:	Cost:	# of Copies:	Product Total:
InterSnoop	$15.00 US x	_____	$ _____
PA residents add 7% sales tax		_____ +	$ _____
		TOTAL	$ _____

Make checks payable to: AKI Software Solutions

Mail To: AKI Software Solutions
5901 Nicholson Street, Suite 100
Pittsburgh, PA 15217 USA

Money orders will be processed immediately: licensing information will be emailed to you immediately if you include an email address.   Orders via personal check will be processed as soon as checks clear.   International orders are

welcome- please send checks drawn on a US Bank.

AKI Software Solutions Software Distribution and Licensing Information

<u>Distribution</u>

This shareware software may be freely distributed, provided that:

(1)   Such distribution includes only the original archive supplied by AKI Software Solutions.   You may not alter, delete or add any files in the distribution archive.
(2)   The distribution does not include a registration number.   In particular, you may not distribute a registered version of InterSnoop.
(3)   No money is charged to the person receiving the software, beyond reasonable cost of packaging and other overhead.

<u>Licensing</u>

By receiving and/or using AKI Software Solutions software, you accept the following Evaluation and Registered User Agreement.   This agreement is a binding legal agreement between AKI Software Solutions and the purchasers, users or evaluators of AKI Software Solutions' software and products.   If you do not intend to honor this agreement, remove all installed AKI Software Solutions software from your computer now.

(1) Evaluation (Unregistered) and Registered User Agreement

You may evaluate the Shareware program for maximum of ten calendar days, after which you must register the program with AKI Software Solutions or remove the software from your computer.

You may allow other users to evaluate copies of the unregistered Shareware. All evaluation users are subject to the terms of this agreement.

The evaluator/user/buyer/owner is not allowed to attempt to reverse engineer, disassemble or decompile AKI Software Solutions software and products.

AKI Software Solutions name and any logo or graphics file that represents our software may not be used in any way to promote products developed with our software.   All parts of AKI Software Solutions software and products are copyright protected.   No program, code, part, image, video clip, audio sample, text or computer generated sequence of images may be copied or used in any way by the user except as intended within the bounds of the single user program.

The evaluator/user/buyer/owner of AKI Software Solutions software will indemnify, hold harmless, and defend AKI Software Solutions against lawsuits, claims, costs associated with defense or accusations that result from the use of AKI Software Solutions software.

AKI Software Solutions is not responsible for any damages whatsoever, including loss of information, interruption of business, personal injury and/or any damage or consequential damage without limitation, incurred before, during or after the use of our products.   Our entire liability, without exception, is limited to the customers' reimbursement of the purchase price of the software (maximum being the suggested retail price as listed by AKI Software Solutions) in exchange for the return of the product, all copies, registration papers and manuals, and all materials that constitute a transfer of ownership from the customer back to AKI Software Solutions.

Each registered copy of the AKI Software Solutions software may be used in only one single location by

one user.   Use of the software means that you have loaded the program and run it or have installed the program onto a computer.   If you install the software onto a multi-user platform or network, each and every individual user of the software must be registered separately.

You may make one copy of the registered software for backup purposes, providing you only have one copy installed on one computer being used by one person. If any person other than yourself uses AKI Software Solutions' software registered in your name, regardless of whether it is at the same time or different times, then this agreement is being violated!

The sale of and or distribution of registered copies of this software is strictly forbidden.   It is a violation of this agreement to loan, rent, lease, borrow, or transfer the use of registered copies of AKI Software Solutions software products.

InterSnoop's Whois Servers List!

Note: This list is being provided here in it's entirety for the benefit of InterSnoop users.   AKI Software Solutions cannot in any way guarantee the validity of the information provided herein. Up to date copies of the following list are obtainable via anonymous FTP as described below.

```
sipb.mit.edu:/pub/whois/whois-servers.list

List of Internet whois servers, 9 May 1995 (Version 3.88)

This list was collected and compiled by Matt Power of M.I.T.

Questions or comments about this list should be sent to the address:

    mhpower@mit.edu


Preferred server name            Associated institution
-----------------------------------------------------------------
camb.com                         Cambridge Computer Associates C=US
gte.com                          GTE Laboratories C=US
whois.pacbell.com                Pacific Bell C=US
wp.psi.com                       Performance Systems International C=US
whois.sunquest.com               Sunquest Information Systems C=US

teetot.acusd.edu                 University of San Diego C=US
zippy.telcom.arizona.edu         University of Arizona C=US
ducserv.duc.auburn.edu           Auburn University C=US
whois.bates.edu                  Bates College C=US
whois.berkeley.edu               University of California at Berkeley C=US
bingsuns.cc.binghamton.edu       State University of New York at Binghamton C=US
bsu.edu                          Ball State University C=US
caltech.edu                      California Institute of Technology C=US
horton.caltech.edu               California Institute of Technology C=US
csufres.csufresno.edu            California State University - Fresno C=US
csuhayward.edu                   California State University - Hayward C=US
csus.edu                         California State University - Sacramento C=US
whois.cwru.edu                   Case Western Reserve University C=US
cc.fsu.edu                       Florida State University C=US
gettysburg.edu                   Gettysburg College C=US
gmu.edu                          George Mason University C=US
whois.dfci.harvard.edu           Dana-Farber Cancer Institute C=US
hmc.edu                          Harvey Mudd College C=US
humboldt.edu                     Humboldt State University C=US
indiana.edu                      Indiana University C=US
kean.edu                         Kean College C=US
prdb.merit.edu                   Merit Network C=US
whois.messiah.edu                Messiah College C=US
whois.rsmas.miami.edu            University of Miami, Rosentiel School of Marine and
Atmospheric Sciences C=US
mit.edu                          Massachusetts Institute of Technology C=US
whois.msstate.edu                Mississippi State University C=US
vax2.winona.msus.edu             Minnesota State University - Winona C=US
info.nau.edu                     Northern Arizona University C=US
whois.ncsu.edu                   North Carolina State University C=US
nd.edu                           University of Notre Dame C=US
earth.njit.edu                   New Jersey Institute of Technology C=US
vm1.nodak.edu                    North Dakota State University C=US
acfcluster.nyu.edu               New York University, Courant Institute C=US
sun1.mcsr.olemiss.edu            University of Mississippi C=US
austin.onu.edu                   Ohio Northern University C=US
ph.orst.edu                      Oregon State University C=US
osu.edu                          Ohio State University C=US
oswego.edu                       SUNY College at Oswego C=US
whois.oxy.edu                    Occidental College C=US
```

```
ems.psu.edu                      Pennsylvania State University, College of Earth and Mineral
Sciences C=US
info.psu.edu                     Pennsylvania State University C=US
cs.rit.edu                       Rochester Institute of Technology C=US
whois.cc.rochester.edu           University of Rochester C=US
whitepages.rutgers.edu           Rutgers University C=US
whois.sdsu.edu                   San Diego State University C=US
sonoma.edu                       Sonoma State University C=US
stanford.edu                     Stanford University C=US
camis.stanford.edu               Stanford University C=US
hpp.stanford.edu                 Stanford University C=US
whois.slac.stanford.edu          Stanford Linear Accelerator Center C=US
stjohns.edu                      St. John's University C=US
sunysb.edu                       State University of New York, Stony Brook C=US
syr.edu                          Syracuse University C=US
whois.bcm.tmc.edu                Baylor College of Medicine C=US
tstc.edu                         Texas State Technical College C=US
directory.uakron.edu             University of Akron C=US
whois.ubalt.edu                  University of Baltimore C=US
uc.edu                           University of Cincinnati C=US
thor.ece.uc.edu                  University of Cincinnati C=US
directory.ucdavis.edu            University of California at Davis C=US
uchicago.edu                     University of Chicago C=US
whois.ucsb.edu                   University of California at Santa Barbara C=US
ucsd.edu                         University of California at San Diego C=US
weber.ucsd.edu                   University of California at San Diego, Division of Social
Sciences C=US
cgl.ucsf.edu                     University of California at San Francisco, School of Pharmacy
C=US
whois.uh.edu                     University of Houston C=US
whois.umass.edu                  University of Massachusetts at Amherst C=US
umbc.edu                         University of Maryland, Baltimore County C=US
lookup.umd.edu                   University of Maryland C=US
umn.edu                          University of Minnesota C=US
ns.unl.edu                       University of Nebraska at Lincoln C=US
whois.uoregon.edu                University of Oregon C=US
whois.upenn.edu                  University of Pennsylvania C=US
x500.utexas.edu                  University of Texas at Austin C=US
netlib2.cs.utk.edu               na-net (linear algebra on computers) C=US
whois.vims.edu                   Virginia Institute of Marine Science C=US
whois.virginia.edu               University of Virginia C=US
whois.wfu.edu                    Wake Forest University C=US
wisc.edu                         University of Wisconsin C=US
wpi.wpi.edu                      Worcester Polytechnic Institute C=US
ibc.wustl.edu                    Washington University C=US

vm1.hqadmin.doe.gov              U.S. Department of Energy Headquarters C=US
wp.doe.gov                       U.S. Department of Energy C=US
llnl.gov                         Lawrence Livermore National Laboratory C=US
x500.arc.nasa.gov                NASA Ames Research Center C=US
x500.gsfc.nasa.gov               NASA Goddard Space Flight Center C=US
larc.nasa.gov                    NASA Langley Research Center C=US
wp.nersc.gov                     National Energy Research Supercomputer Center C=US
seda.sandia.gov                  Sandia National Laboratories C=US

whois.nic.ddn.mil                DDN Network Information Center C=US
whois.nrl.navy.mil               Naval Research Laboratory C=US

wp.es.net                        Energy Sciences Network C=US
ds.internic.net                  Network Solutions, Inc. (non-MILNET/non-POC) C=US
whois.internic.net               Network Solutions, Inc. C=US
whois.lac.net                    Latin America & Caribbean Whois Server C=EC
pilot.njin.net                   New Jersey Intercampus Network C=US
whois.ripe.net                   Reseaux IP Europeens C=NL

whois.morris.org                 Morris Automated Information Network C=US

whois.risc.uni-linz.ac.at        Research Institute for Symbolic Computation, University of
Linz C=AT
whois.wu-wien.ac.at              Wirtschaftsuniversitaet Wien C=AT
archie.au                        Australian Academic and Research Network C=AU
```

```
whois.adelaide.edu.au             University of Adelaide C=AU
wp.adelaide.edu.au                University of Adelaide C=AU
deakin.edu.au                     Deakin University C=AU
whois.monash.edu.au               Monash University C=AU
uwa.edu.au                        University of Western Australia C=AU
whois.gu.uwa.edu.au               University of Western Australia, University Computer Club C=AU
sserve.cc.adfa.oz.au              University College, Australian Defense Force Academy C=AU
jethro.ucc.su.oz.au               University of Sydney C=AU
whois.kuleuven.ac.be              Katholieke Universiteit Leuven C=BE
elem4.vub.ac.be                   Inter-university Institute for High Energies C=BE
whois.belnet.be                   Belgian National Research Network C=BE
whois.camosun.bc.ca               Camosun College, Victoria, B.C. C=CA
whois.doc.ca                      Communications Canada (The Federal Department of
Communications) C=CA
ac.nsac.ns.ca                     Nova Scotia Agricultural College C=CA
whois.queensu.ca                  Queen's University, Kingston, Canada C=CA
whois.unb.ca                      University of New Brunswick C=CA
panda1.uottawa.ca                 University of Ottawa C=CA
dvinci.usask.ca                   University of Saskatchewan, Engineering C=CA
whois.usask.ca                    University of Saskatchewan C=CA
phys.uvic.ca                      University of Victoria, Physics & Astronomy C=CA
whois.uwo.ca                      University of Western Ontario C=CA
horton.yorku.ca                   York University C=CA
nic.switch.ch                     SWITCH Teleinformatics Services C=CH
whois.ci.ucr.ac.cr                University of Costa Rica Computer Center C=CR
whois.cr                          CRNet NOC C=CR
whois.mff.cuni.cz                 Charles University, Faculty of Mathematics and Physics C=CZ
whois.vutbr.cz                    Technical University of Brno C=CZ
whois.fh-koeln.de                 Fachhochschule Koeln C=DE
whois.fzi.de                      Forschungszentrum Informatik C=DE
hermes.informatik.htw-zittau.de   HTW Zittau/Goerlitz Elektrotechnik/Informatik C=DE
whois.th-darmstadt.de             Darmstadt University of Technology C=DE
whois.tu-chemnitz.de              Technische Universitaet Chemnitz C=DE
deins.informatik.uni-dortmund.de  University of Dortmund C=DE
whois.uni-regensburg.de           Universitaet Regensburg C=DE
whois.uni-c.dk                    Danish Computing Centre for Research and Education C=DK
whois.eunet.es                    EUnet, Goya, Spain C=ES
whois.dit.upm.es                  Tech. Univ. Madrid, Telecommunications Highschool C=ES
cs.hut.fi                         Helsinki University of Technology C=FI
cc.jyu.fi                         Jyvaskyla University C=FI
oulu.fi                           Oulu University C=FI
vtt.fi                            Technical Research Centre of Finland C=FI
whois.citilille.fr                CITI Lille - France C=FR
whois.univ-lyon1.fr               Universite Claude Bernard Lyon I C=FR
whois.forthnet.gr                 FORTHnet (Foundation of Research and Technology Hellas) C=GR
wp.forthnet.gr                    FORTHnet (Foundation of Research and Technology Hellas) C=GR
sangam.ncst.ernet.in              National Centre for Software Technology C=IN
isgate.is                         Association of Research Networks in Iceland C=IS
dsa.nis.garr.it                   GARR-NIS c/o CNR-CNUCE C=IT
whois.nis.garr.it                 GARR-NIS c/o CNR-CNUCE C=IT
whois-server.l.chiba-u.ac.jp      Chiba University C=JP
whois.cc.keio.ac.jp               Keio University C=JP
whois.cc.uec.ac.jp                University of Electro-Communications C=JP
whois.nic.ad.jp                   Japan Network Information Center C=JP
whois.nic.nm.kr                   Korea Network Information Center C=KR
whois.tue.nl                      Eindhoven University of Technology C=NL
cantsc.canterbury.ac.nz           University of Canterbury C=NZ
directory.vuw.ac.nz               Victoria University, Wellington C=NZ
waikato.ac.nz                     Waikato University C=NZ
whois.elka.pw.edu.pl              Faculty of Electronic Engineering, Warsaw University of
Technology C=PL
whois.ia.pw.edu.pl                Institute of Automatic Control, Warsaw University of
Technology C=PL
archie.inesc.pt                   Instituto de Engenharia de Sistemas e Computadores C=PT
chalmers.se                       Chalmers University of Technology C=SE
whois.gd.chalmers.se              Gothenburg Universities' Computing Centre C=SE
kth.se                            Royal Institute of Technology C=SE
sics.se                           Swedish Institute of Computer Science C=SE
whois.sunet.se                    SUNET (Swedish University Network) C=SE
whois.uakom.sk                    SANET (WAN of Slovak academic institutions) C=SK
src.doc.ic.ac.uk                  Imperial College C=GB
```

```
whois.lut.ac.uk                 Loughborough University C=GB
info.cnri.reston.va.us          Corporation for National Research Initiatives, Knowbot
interface C=US
hippo.ru.ac.za                  Rhodes University, Grahamstown C=ZA
whois.und.ac.za                 University of Natal (Durban) C=ZA

      ----------------------------------------------------------------------
```

InterSnoop's CCSO Ph Servers List!

Note: This list is being provided here in it's entirety for the benefit of InterSnoop users.   AKI Software Solutions cannot in any way guarantee the validity of the information provided herein.

· **Albert Einstein College of Medicine**   ns.aecom.yu.edu
· **Algonquin C. of App. Arts and Tech., Ontario, Canada**   algnet.algonquinc.on.ca
· **American University, Washington DC**   ph.american.edu
· **Aston University, United Kingdom**   gopher.aston.ac.uk
· **Australian Defence Force Academy**   ns.adfa.oz.au
· **Australian National University**   cis.anu.edu.au
· **Bar Ilan University, Israel (Experimental, Hebrew)**   vm.biu.ac.il
· **Bates College**   mother.bates.edu
· **Baylor College of Medicine**   ns.bcm.tmc.edu
· **Beth Israel Hospital (Harvard Univ.)**   ns.bih.harvard.edu
· **Bilkent University**   ns.bilkent.edu.tr
· **Board of Governors Universities, IL USA**   ns.bgu.edu
· **Boston University**   ns.bu.edu
· **Bowling Green State University**   ph.bgsu.edu
· **Bradley University**   ns.bradley.edu
· **Brigham Young University**   kolob.byu.edu
· **Brown University**   ns.brown.edu
· **Bucknell University**   ns.bucknell.edu
· **CHUUG/EUnet, Switzerland**   chsun.eunet.ch
· **CRS4 Ctr for Adv Studies, Rsrch, and Dev, Italy**   ns.crs4.it
· **Calvin College**   calvin.edu
· **Camosun College, Victoria, B.C. Canada**   cso.camosun.bc.ca
· **Canisius College Faculty/Staff**   gort.canisius.edu
· **Carnegie Inst. of Washington Geophysical Lab**   granite.ciw.edu
· **Carnegie Inst. of Washington, Dept. of Ter. Mag.**   dtm.ciw.edu
· **Centre de Ressources Informatiques de Haute-Normandie**   ns.crihan.fr
· **Cerritos College**   ns.cerritos.edu
· **Chicago State University, IL USA**   ns.csu.bgu.edu
· **Chinese University of Hong Kong**   ns.cuhk.hk
· **Clemson University**   gopher.clemson.edu
· **Cleveland State University**   ns.csuohio.edu
· **Cliometric Society**   clionet.cas.muohio.edu
· **Colby College**   gopher.colby.edu
· **Columbia University**   gutentag.cc.columbia.edu
· **Concordia University, Montreal, Quebec, Canada**   phone.concordia.ca
· **Cornell College, Iowa**   ns.cornell.iowa.edu
· **Cornell Directory of Legal Academia**   ns.law.cornell.edu
· **Cornell University**   qi.cornell.edu
· **Curtin Univ. of Technology, Perth, Australia**   info.curtin.edu.au
· **Dana Farber Cancer Institute**   ns.dfci.harvard.edu
· **Danville Area Community College, Danville, Illinois**   ns.dacc.cc.il.us
· **Dartmouth College**   dnd.dartmouth.edu
· **Deakin University**   deakin.edu.au
· **Delft University of Technology, Netherlands**   gopher.tudelft.nl
· **Drake University**   ns.drake.edu
· **Duke University**   phonebk.duke.edu
· **Eastern Illinois University, IL USA**   ns.eiu.bgu.edu
· **Eastern Kentucky University**   acs.eku.edu
· **Ecole Centrale Paris, France**   ph.ecp.fr
· **Ecole Polytechnique Federale de Lausanne, Switzerland**   gopher.epfl.ch
· **Ecole des Hautes Etudes Commerciales, Montreal, Canada**   ph.hec.ca
· **Educational Computing Network, IL USA**   ns.ecn.bgu.edu
· **Eidg. Technische Hochschule, Zurich**   ural.ethz.ch
· **Embry Riddle Aeronautical University, WEST**   cso.pr.erau.edu
· **Emory University**   dooley.cc.emory.edu
· **Energy Sciences Network**   ph.es.net
· **Environmental Protection Agency (EPA)**   earth1.epa.gov
· **Eurecom Institute, Sophia - Antipolis, France**   eurecom.cica.fr
· **Fairfield University**   funrsc.fairfield.edu
· **Fanshawe College, London, Ontario, Canada**   admin.fanshawec.on.ca
· **Florida Institute of Technology Faculty/Staff**   sci-ed.fit.edu

· **Florida State University**	mailer.fsu.edu
· **Geodetic Survey of Canada**	ns.geod.emr.ca
· **Georgia Institute of Technology**	lu-serve.gatech.edu
· **Georgia Southern University**	ns.gasou.edu
· **Georgia State University**	ph.gsu.edu
· **Glassboro State University**	gboro.glassboro.edu
· **Global Cycling Network**	cycling.org
· **Government of New Brunswick, Canada**	picture.gov.nb.ca
· **Governors State University, IL USA**	ns.gsu.bgu.edu
· **Groningen University, Arts/Theol/Phil, Netherlands**	ns.let.rug.nl
· **Gustavus Adolphus College**	ns.gac.edu
· **Hamline University**	piper.hamline.edu
· **Harvard University**	fas-ph.harvard.edu
· **Helsinki University of Technology**	ns.cs.hut.fi
· **Humber College of Applied Arts and Technology, Canada**	admin.humberc.on.ca
· **INSA - Lyon, France**	ns.univ-lyon1.fr
· **Illinois Math and Science Academy**	ns.imsa.edu
· **Illinois State University, Normal, IL USA**	ns.ilstu.edu
· **Indiana State University**	ph.indstate.edu
· **Indiana University of Pennsylvania**	ns.iup.edu
· **Indiana University - Purdue Univ. at Indianapolis**	hyrax.iupui.edu
· **Intl. Ctr. for Genetic Eng. & Biotech., Italy**	genes.icgeb.trieste.it
· **Iowa State University of Science and Technology**	isuad1.iastate.edu
· **Israel - wide Univ/Corp Email Searches (Experimental)**	vm.tau.ac.il
· **Johns Hopkins University**	rad.hcf.jhu.edu
· **Katholieke Universiteit Leuven, Belgium**	ns.kuleuven.ac.be
· **Keio University, Sci. & Tech. Campus, Japan**	bash.cc.keio.ac.jp
· **Kennesaw State College**	gopher.kennesaw.edu
· **Kent State University**	phoenix.kent.edu
· **Kutztown University**	kutztown.edu
· **Lakehead University**	flash.lakeheadu.ca
· **Lambton College, Canada**	ns.lambton.on.ca
· **Lawrence Livermore National Laboratory**	ns.llnl.gov
· **Lehigh University**	ns.lehigh.edu
· **Lewis University**	cs.lewisu.edu
· **Library of Congress**	marvel.loc.gov
· **Linkoping University, Sweden**	ns.liu.se
· **Los Alamos National Laboratory**	lanl.gov
· **Loughborough University of Technology, United Kingdom**	dir.lut.ac.uk
· **Loyola University, Chicago**	ns.luc.edu
· **Magnavox Electronic Systems Company**	gw1.magec.com
· **Mahidol University, Thailand, Staff**	ns.mahidol.ac.th
· **Massachusetts Institute of Technology**	mitdir.mit.edu
· **Massey University, New Zealand**	ns.massey.ac.nz
· **McGill Univ. Research Centre for Intelligent Machines**	lightning.mcrcim.mcgill.edu
· **McMaster University, Canada, Faculty/Staff**	mcmail.cis.mcmaster.ca
· **Medical University of South Carolina, Faculty/Staff**	qi.musc.edu
· **Memorial Sloan - Kettering Cancer Center**	bigmac.mskcc.org
· **Miami University (Ohio, USA)**	ph.muohio.edu
· **Michigan State University Faculty/Staff**	cso.msu.edu
· **Michigan State University Students**	pilot0.cl.msu.edu
· **Michigan Technological University**	mtu-ns.mtu.edu
· **Middle East Technical University (METU), Turkey**	mogan.cc.metu.edu.tr
· **Middlebury College**	ns.middlebury.edu
· **Mount Saint Mary's College**	msmary.edu
· **Muhlenberg College**	rocky.muhlberg.edu
· **NASA Lewis Research Center**	aruba.lerc.nasa.gov
· **National Autonomous University of Mexico (UNAM)**	condor.dgsca.unam.mx
· **National Institute of Standards and Technology**	cso.nist.gov
· **National Institutes of Health**	ph.nih.gov
· **National Oceanic and Atmospheric Admin., Boulder**	cso.erl.noaa.gov
· **National Renewable Energy Laboratory**	ns.nrel.gov
· **National Science Foundation**	phsrvr.nsf.gov
· **National University of Singapore**	nuscc.nus.sg
· **New York University**	ph.nyu.edu
· **New York University Medical Center**	popmail.med.nyu.edu
· **Nijenrode University, Netherlands**	gopher.nijenrode.nl
· **North Carolina Cooperative Extension Service, NCSU**	twosocks.ces.ncsu.edu
· **North Dakota State University**	plains.nodak.edu
· **Northeast Missouri State University**	noc.nemostate.edu
· **Northeastern Illinois University, IL USA**	ns.neiu.bgu.edu

· **Northwest Regional Educational Laboratory**	ns.nwrel.org
· **Northwestern University**	ns.nwu.edu
· **ODTU Cevrimici Telefon Rehberi, Turkey**	knidos.cc.metu.edu.tr
· **Oak Ridge National Laboratory**	wp.ornl.gov
· **Occidental College**	chesire.oxy.edu
· **Ohio Northern University**	ns.onu.edu
· **Oklahoma State University**	bubba.ucc.okstate.edu
· **Old Dominion University Faculty/Staff**	gopher.odu.edu
· **OpenConnect Systems**	ph.oc.com
· **Oregon Research Institute**	aragorn.ori.org
· **Oregon State University**	ph.orst.edu
· **Penn State University**	ph.psu.edu
· **Plymouth State College, New Hampshire**	eeyore.plymouth.edu
· **Portland State Univ., Schl of Eng and Applied Sciences**	ph.ee.pdx.edu
· **Portland State University**	skade.cc.pdx.edu
· **Princeton University**	princeton.edu
· **Public Health Research Institute**	ph.phri.nyu.edu
· **Purdue University**	directory.purdue.edu
· **Quebec.Net (public phonebook for Quebec)**	ph.quebec.net
· **Quebecor Inc.**	ph.quebecor.com
· **Queen Mary and Westfield College, London, UK**	beta.qmw.ac.uk
· **Queen's University, Kingston, Canada**	info.queensu.ca
· **Queensland Institute of Medical Research, Australia**	panther.qimr.edu.au
· **Rice University**	cwis.rice.edu
· **Rider University**	genius.rider.edu
· **Rijksuniversiteit Gent, Belgium**	infoserv.rug.ac.be
· **Rose-Hulman Institute of Technology**	ns.rose-hulman.edu
· **Roskilde Universitetscenter, Denmark**	ns.ruc.dk
· **Rsch. Inst. for Sym. Comp. (RISC -Linz), Austria**	info.risc.uni-linz.ac.at
· **Ryerson Polytechnic University**	ph.acs.ryerson.ca
· **SUNY Computer Officers Association**	gram.cc.geneseo.edu
· **SUNY System (Central) Administration**	cso.sunycentral.edu
· **Saint Michael's College, Colchester VT**	smcvax.smcvt.edu
· **Saint Norbert College**	ph.snc.edu
· **Sam Houston State University**	niord.shsu.edu
· **Sir Sandford Fleming College, Canada**	gopher.flemingc.on.ca
· **St. John's College, Annapolis MD USA**	ns.sjca.edu
· **St. Olaf College**	cso.stolaf.edu
· **State University of New York at Buffalo**	cso.acsu.buffalo.edu
· **State University of New York at Geneseo**	newt.cc.geneseo.edu
· **State University of New York at Oswego**	cso.oswego.edu
· **State University of New York, Potsdam College**	gopher.dc.potsdam.edu
· **Swarthmore College**	ph.cc.swarthmore.edu
· **Syracuse University**	dataserver.syr.edu
· **Technical Research Centre, Finland**	ns.vtt.fi
· **Technical University of Eindhoven, Netherlands**	mailhost.tue.nl
· **Technical University of Nova Scotia, Canada**	newton.ccs.tuns.ca
· **Texas A&M University**	ns.tamu.edu
· **Texas Tech University**	unicorn.acs.ttu.edu
· **Trent University, Peterborough, Ont., Canada**	blaze.trentu.ca
· **Trinity College, Hartford, CT**	ns.trincoll.edu
· **Department of Education**	gopher.ed.gov
· **UFSIA, University of Antwerp, Belgium**	ns.ufsia.ac.be
· **US Army Corps of Engineers, C.E.R. Lab**	ns.cecer.army.mil
· **US Geological Survey**	ridgisd.er.usgs.gov
· **United Medical & Dental Schools, London, UK**	ph.umds.ac.uk
· **Universidad de Los Andes, Bogota, Colombia**	ph.uniandes.edu.co
· **Universidad del Valle, Cali, Colombia**	mafalda.univalle.edu.co
· **Universitaire Instelling Antwerpen, Belgium**	cso.uia.ua.ac.be
· **Universite Catholique de Louvain**	annuaire.sia.ucl.ac.be
· **Universite Laval, Genie Electrique**	cso.gel.ulaval.ca
· **Universite Laval, Quebec, Canada**	ns.ulaval.ca
· **Universite de Valenciennes, France**	ns.univ-valenciennes.fr
· **Universite du Quebec a Montreal, Quebec, Canada**	cso.uqam.ca
· **University College London, UK**	ph-server.ucl.ac.uk
· **University of Alberta, Canada**	chinchaga.ucs.ualberta.ca
· **University of Arizona**	ns.arizona.edu
· **University of Brescia, Italy**	master.cci.unibs.it
· **University of British Columbia, Canada**	phserver.ubc.ca
· **University of California Systemwide Administration**	directory.ucop.edu
· **University of California at Berkeley**	infocal.berkeley.edu

· **University of California at Davis**	geology.ucdavis.edu
· **University of California at Irvine**	qi.service.uci.edu
· **University of California at Los Angeles**	directory.ucla.edu
· **University of California at San Diego**	ucsd.edu
· **University of California at San Francisco**	itsa.ucsf.edu
· **University of California at Santa Barbara**	ucsbuxa.ucsb.edu
· **University of Cape Town, South Africa**	gopher.cs.uct.ac.za
· **University of Central Florida**	pegasus.cc.ucf.edu
· **University of Chicago**	prism.uchicago.edu
· **University of Cincinnati**	ucunix.san.uc.edu
· **University of Colorado, Boulder**	directory.colorado.edu
· **University of Colorado, Colorado Springs, Faculty/Staff**	ns.uccs.edu
· **University of Connecticut**	phonebk.uconn.edu
· **University of Connecticut Health Center**	ph.uchc.edu
· **University of Durham**	ph0.dur.ac.uk
· **University of Florida**	ns.ufl.edu
· **University of Georgia**	phonebook.uga.edu
· **University of Guelph, Canada**	info.uoguelph.ca
· **University of Hamburg, Dept. Econ & Bus. Admin.**	ns.econ.uni-hamburg.de
· **University of Hamburg, Germany**	playmate.uni-hamburg.de
· **University of Hawaii**	ns.hawaii.edu
· **University of Idaho Faculty/Staff**	owl.csrv.uidaho.edu
· **University of Illinois at Chicago**	ns.uic.edu
· **University of Illinois at Urbana-Champaign**	s.uiuc.edu
· **University of Iowa**	ns.uiowa.edu
· **University of Kansas School of Engineering**	ns.tisl.ukans.edu
· **University of Kentucky**	ukcc.uky.edu
· **University of Liege, Belgium**	ph.ulg.ac.be
· **University of Maine Faculty/Staff**	goofy.umecit.maine.edu
· **University of Manchester and UMIST, UK**	info.mcc.ac.uk
· **University of Mannheim, Germany**	ns.uni-mannheim.de
· **University of Maryland at Baltimore**	umabnet.ab.umd.edu
· **University of Maryland, Baltimore County**	cso.umbc.edu
· **University of Massachusetts at Amherst**	ns.umass.edu
· **University of Memphis**	ns.memst.edu
· **University of Minnesota**	ns.umn.edu
· **University of Missouri Rolla -Faculty/Staff - cso**	phonebook.cc.umr.edu
· **University of Montana**	selway.umt.edu
· **University of Munich, Germany**	ns.informatik.uni-muenchen.de
· **University of Nebraska at Lincoln**	unlmail.unl.edu
· **University of Nebraska at Omaha**	ns.unomaha.edu
· **University of New Brunswick, Canada**	ns.unb.ca
· **University of New England, Northern Rivers, Australia**	elli.une.edu.au
· **University of North Texas**	gopher.unt.edu
· **University of Notre Dame**	ns.nd.edu
· **University of Oklahoma**	ns.uoknor.edu
· **University of Oregon**	whois.uoregon.edu
· **University of Oslo, Norway**	ph.uio.no
· **University of Otago, Dunedin, New Zealand**	ns.otago.ac.nz
· **University of Pennsylvania**	ph.server.upenn.edu
· **University of Pittsburgh**	direct.srv.cis.pitt.edu
· **University of Pretoria, South Africa**	qi.up.ac.za
· **University of Rhode Island**	phonebk.uri.edu
· **University of Salzburg, Austria**	dsb835.edvz.sbg.ac.at
· **University of South Africa (Unisa)**	gopher.unisa.ac.za
· **University of South Carolina**	bigbird.csd.scarolina.edu
· **University of South Florida**	dotrisc.cfr.usf.edu
· **University of Southern California**	cwis.usc.edu
· **University of Southern Maine Faculty/Staff**	csir1.usmacs.maine.edu
· **University of Southhampton, UK, Dept of Mathematics**	mir.maths.soton.ac.uk
· **University of Sydney, Australia**	phone.su.edu.au
· **University of Sydney, Faculty of Law, Australia**	sulaw.law.su.oz.au
· **University of Tasmania, Australia**	info.utas.edu.au
· **University of Tennessee at Chattanooga**	cecasun.utc.edu
· **University of Tennessee at Knoxville**	ns.utcc.utk.edu
· **University of Texas CHPC**	hermes.chpc.utexas.edu
· **University of Texas Medical Branch**	bluefin.utmb.edu
· **University of Texas at Austin**	mojo.ots.utexas.edu
· **University of Trento, Italy**	mambo.cs.unitn.it
· **University of Tulsa**	ns.utulsa.edu
· **University of Utah**	ph.cc.utah.edu

- **University of Utrecht, Netherlands**   nic.cc.ruu.nl
- **University of Vermont**   ns.uvm.edu
- **University of Victoria, Canada**   gopher.uvic.ca
- **University of Waterloo, Ontario, Canada**   uwdir.uwaterloo.ca
- **University of West Bohemia, Czech Republic**   ph.zcu.cz
- **University of Winnepeg, Canada**   uwpg02.uwinnipeg.ca
- **University of Wisconsin - Eau Claire**   gopher.uwec.edu
- **University of Wisconsin - La Crosse**   ns.uwlax.edu
- **University of Wisconsin - Platteville**   shamu.oit.uwplatt.edu
- **University of Wisconsin at Madison**   wisc.edu
- **University of Wisconsin at Milwaukee**   risc1.os.uwm.edu
- **Uppsala University, Sweden**   ns.uu.se
- **Utah State University Extension Service**   extsparc.agsci.usu.edu
- **Vanderbilt University**   ph.vanderbilt.edu
- **Virginia Polytechnic Institute and State Univ.**   ns.vt.edu
- **Vrije Universiteit Amsterdam**   csohost.cca.vu.nl
- **Wake Forest University**   cso.wfu.edu
- **Washington State Univ., Pullman**   serval.net.wsu.edu
- **Washington University, St. Louis**   ns.wustl.edu
- **Weizmann Institute of Science, Israel**   wisslc1.weizmann.ac.il
- **Western Illinois University, IL USA**   ns.wiu.bgu.edu
- **Wheaton College**   david.wheaton.edu
- **Williams College**   ns.williams.edu
- **Wilmington College**   ns.wilmington.edu
- **Yale University**   directory.yale.edu
- **York University, Canada**   ph.yorku.ca

Print command (File menu)

Use this command to print a document.   This command presents a <u>Print dialog box</u>, where you may specify the range of pages to be printed, the number of copies, the destination printer, and other printer setup options.

Shortcuts

   Toolbar:
Keys: CTRL+P

Print dialog box

The following options allow you to specify how the document should be printed:

Printer
 This is the active printer and printer connection.   Choose the Setup option to change the printer and printer connection.

Setup
 Displays a Print Setup dialog box, so   you can select a printer and printer connection.

Print Range
 Specify the pages you want to print:
  All   Prints the entire document.
  Selection Prints the currently selected text.
  Pages   Prints the range of pages you specify in the From and To boxes.

Copies
 Specify the number of copies you want to print for the above page range.

Collate Copies
 Prints copies in page number order, instead of separated multiple copies of each page.

Print Quality
 Select the quality of the printing.   Generally, lower quality printing takes less time to produce.

Print Progress Dialog

The Printing dialog box is shown during the time that The Fingerer/32 is sending output to the printer.
The page number indicates the progress of the printing.

To abort printing, choose Cancel.

Print Preview command (File menu)

Use this command to display the active document as it would appear when printed.   When you choose this command, the main window will be replaced with a print preview window in which one or two pages will be displayed in their printed format.   The print preview toolbar offers you options to view either one or two pages at a time; move back and forth through the document; zoom in and out of pages; and initiate a print job.

Print Preview toolbar

The print preview toolbar offers you the following options:

Print
　　Bring up the print dialog box, to start a print job.

Next Page
　　Preview the next printed page.

Prev Page
　　Preview the previous printed page.

One Page / Two Page
　　Preview one or two printed pages at a time.

Zoom In
　　Take a closer look at the printed page.

Zoom Out
　　Take a larger look at the printed page.

Close
　　Return from print preview to the editing window.

Print Setup command (File menu)

Use this command to select a printer and a printer connection.   This command presents a <u>Print Setup dialog box</u>, where you specify the printer and its connection.

Print Setup dialog box

The following options allow you to select the destination printer and its connection.

Printer

Select the printer you want to use.   Choose the Default Printer; or choose the Specific Printer option and select one of the current installed printers shown in the box.   You install printers and configure ports using the Windows Control Panel.

Orientation

Choose Portrait or Landscape.

Paper Size

Select the size of paper that the document is to be printed on.

Paper Source

Some printers offer multiple trays for different paper sources.   Specify the tray here.

Options

Displays a dialog box where you can make additional choices about printing, specific to the type of printer you have selected.

Network...

Choose this button to connect to a network location, assigning it a new drive letter.