WSOCKAID.DLL Version 2.0

March 16, 1994

This DLL contains functions that are currently missing in the Windows Sockets 1.1 specification, but which are needed for some networking applications. Currently this DLL supports only FTP Software's PC/TCP Version 2.1 and above. For this TCP/IP stack, all information that WSOCKAID.DLL can give is retrieved from the PCTCP.INI file (or whatever your PCTCP env. variable points to). If want to use this DLL together with other stacks and get errors like "Could not resolve username" from network applications, look at the list of functions below. For each inquiry function the information returned to a program can also be defined in the WIN.INI file by creating a section named [WSOCKAID] and adding the appropriate entry.

The following functions are exported by this DLL:

WSAIDGetUsername   This function retrieves the user name that a PC user has registered with the networking software. If the used networking software has a real Windows network driver (like PC/TCP 2.2 has) and this driver supports the WNetGetUser function, the return value of this function is given to the calling program. To find out if your networking software has such a driver, look if the [boot] section in SYSTEM.INI contains a network.drv= entry that is not empty.

　　　　　　　　　　　　[WSOCKAID]-Entry: User=<username>

WSAIDGetRealname   This function returns the real name that a PC user has registered with the networking software.

　　　　　　　　　　　　[WSOCKAID]-Entry: Full-Name=<user's real name>

WSAIDGetHostname   This function returns the locally defined host name for the PC (without any domain information appended).

　　　　　　　　　　　　[WSOCKAID]-Entry: Host-Name=<PC's hostname>

WSAIDGetDomain   This function returns the Internet domain that the PC belongs to.

　　　　　　　　　　　　[WSOCKAID]-Entry: Domain=<PC's domain>

WSAIDGetDefaultPrinter   This function returns the default LPR network printer as separate queue and server name.

　　　　　　　　　　　　[WSOCKAID]-Entry: LPRQueue=<queue name>
　　　　　　　　　　　　　　　　　　　　　LPRServer=<server name>

Change Log:

Version 1.1a:

o   Code segment is no longer FIXED to cure some memory contraints.

Version 1.1:

o   Use the WNetGetUser function for retrieving the user name if a network driver is
         available.

Copyright:

If you are a network software vendor and think that your TCP/IP stack should be supported,
please contact me.

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