HostUp

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This document last edited on December 27, 1988

SUMMARY

This module provides the function HOSTUP? which attempts to find out if a given host is currently available. Contrast this to the system function HOSTNAMEP, which returns T if it has *at any time* successfully opened a connection to given host, whether or not it is currently available.

DETAILS

(HOSTUP?   hostname)   [Function]

Returns T if and only if the given host is currently responding. No distinction is made between dead and non-existing hosts.

HOSTUP.TIMEOUT   [Global variable]

The function HOSTUP? returns NIL if no response is received from the given host within HOSTUP.TIMEOUT milliseconds. Default value is 15,000.

HOSTUP.RETRYCNT   [Global variable]

This variable indicates the number of times the function HOSTUP? sends requests to the given host. Each time through the loop the function waits longer by a geometrically increasing amount if time, such that the total time does not exceed HOSTUP.TIMEOUT. Default value is 5. Hence, in the default case, a call to HOSTUP? with a dead host ends up sending a request to the host 5 times, waiting for an answer about 500, 1000. 2000. 4000 and 8000 milliseconds, respectively.