

ASPUserCommand Send a command to the server

#include <AppleTalk.h>

AppleTalk Manager

OSErr **ASPUserCommand**(*xParamBlock*, *async*);
XPPParamBlkPtr *xParamBlock*; pointer to an AppleTalk parameter block
Boolean *async*; 0=await completion; 1=immediate return
returns Error Code; 0=no error

ASPUserCommand sends a command to the server on a session.

xParamBlock is a pointer to a parameter block structure. The relevant fields are as follows:

<u>Out-InName</u>	<u>Type</u>	<u>Size</u>	<u>Offset</u>	<u>Description</u>
← cmdResult	<u>long</u>	4	18	ASP command result
← csCode	<u>short</u>	2	26	Always ASPUserCommand
← sessRefnum	<u>short</u>	2	28	Session number
← aspTimeout	<u>char</u>	1	30	Retry interval in seconds
← cbSize	<u>short</u>	2	32	Command block size
← cbPtr	<u>Ptr</u>	4	34	Command block pointer
↔ rbSize	<u>short</u>	2	38	Reply buffer and reply size
← rbPtr	<u>Ptr</u>	4	40	Reply buffer pointer
← ccbStart	<u>record</u>	150	50	Start of memory for CCB

async is a Boolean value. Use FALSE for normal (synchronous) operation or TRUE to enqueue the request and resume control immediately. See Async I/O.

Returns: an operating system Error Code.

aspBufTooSmall (-1067) Reply is bigger than response buffer; the buffer will be filled, data will be truncated
 aspParamErr (-1070) Server returned bad (positive) error code
 aspSessClosed (-1072) Session already in process of closing
 aspSizeErr (-1073) Command block size is buffer than MaxCmdSize

Notes: SessRefnum is the session reference number returned in the **ASPOpenSession** call.

ASPTIMEOUT is the interval in seconds between retries of the call. Notice that there is no aspRetry field (retries are infinite). The command will be retried at the prescribed interval until completion or the session is closed.

CBSize is the size in bytes of the command data that is to be written on the session. The size of the command block must not exceed the value of aspMaxCmdSize returned by the **ASPGetParms** call.

CBPtr points to the command data.

RBSize is passed and indicates the size of the reply buffer in bytes expected by the command. RBSize is also returned and indicates the size of the reply that was actually returned.

RBPtr points to the reply buffer.

CCBStart is the start of the memory to be used by the .XPP driver for the command control block. The size of this block is equal to a maximum of 150

bytes.