

V1.0 Commands

Open Command

Command Id: 0x1

Description:

Open a file.

Arguments:

Argument Index	Type	Name	Description
1	String	Filename	The name of the file to open
2	Integer	Mode	The mode to open the file in (0 for read, 1 for write, 2 for both)
3	Register	Result Register	The register to store the file descriptor

Create Ptr Command

Command Id: 0x2

Description:

Create a pointer to a memory location.

! Careful, this command overwrites the r10 and r11 registers !

Arguments:

Argument Index	Type	Name	Description
1	Integer	Size	Size of memory to allocate (must be between 1 and 4096 bytes)
2	Register	Result Register	Register to store the pointer

Read Command

Command Id: 0x3

Description:

Read from a file descriptor into a pointer.

Arguments:

Argument Index	Type	Name	Description
1	Integer	Size	The number of bytes to read
2	Register	File Descriptor Location	The register containing the file descriptor
3	Register	Buffer Location	The register containing the pointer to the buffer where the data will be read into

Print Command

Command Id: 0x4

Description:

Print a string to the console.

Arguments:

Argument Index	Type	Name	Description
1	Integer	Size	Size of the string to print
2	Register	Buffer Location	Register containing the pointer to the buffer with the string data