Student: Adi CITS3002 Pro	ti Malu (2252 oject Report:	6301)									
Protocol and Walkthrough:											
Define comm	nand id										
#define REQ_	_COST 0x01										
#define RES_	COST 0x02										
#define REQ_	_FILE 0x03										
#define RES_	FILE 0x04										
#define RES_	FINISH_FILE 0	x05									
#define REQ_	_EXFILE 0x06										
#define RES_	EXFILE 0x07										
Client ask for	server's cost	request p	acket	t .							
cmd	serverseq										
Unsigned	Unsigned										
int(4 byte)	int(4 byte)										
Client ask for	server's cost	response	pack	et							
cmd	serverseq	cost									
Unsigned	Unsigned	Unsigne	ed								
int(4 byte)	int(4 byte)	int(4 by	te)								
Client request file compile packet											
cmd	upName		file	idx	1	ilesize					
Unsigned	char [24](24 byte)		Uns	signed	1	Unsigned					
int(4 byte)			int(	4 byte)	i	int(4 byte)					
server response file compile packet											
cmd	upName	ie packet	filei	dv	Τ,	tatus					
Unsigned	char [24](24 byte)		_	signed	status Unsigned						
int(4 byte)	טונט (בין(בי טענט)			4 byte)	int(4 byte)						
me(+ byce) me(+ byce)											
server finish receive file response packet											
cmd	upName	fileidx		sta	tus				L		
Unsigned	char [24](24	byte)	Unsig	signed		Unsigned					
int(4 byte)			int(4 byte) int(4 byte)								

Client re	quest link	tile and	get binary	file packet
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cmd	objfilenames	exefilename	status		
Unsigned	char [256](256	char [24]	Unsigned		
int(4 byte)	byte)	(24 byte)	int(4 byte)		

## Server response execute status and send binary file to client

cmd	objfilenames	exefilename	status		
Unsigned	char [256](256	char [24]	Unsigned		
int(4 byte)	byte)	(24 byte)	int(4 byte)		

If the client sends the file to the server, the server compiles and links successfully, and the total time required to return the binary file to the client is less than the time required for the client to compile and link locally, so remote compilation and linking will be faster.