#ifndef \_\_FILLPACKET\_\_H\_

#define \_\_FILLPACKET\_\_H\_

#include <netinet/ip.h>

#include <netinet/ip\_icmp.h>

typedef char u8;

typedef unsigned short u16;

#define PACKET\_SIZE 92

#define IP\_OPTION\_SIZE 8

#define ICMP\_PACKET\_SIZE PACKET\_SIZE - (int)sizeof(struct ip) - IP\_OPTION\_SIZE

#define ICMP\_DATA\_SIZE ICMP\_PACKET\_SIZE - (int)sizeof(struct icmphdr)

#define DEFAULT\_SEND\_COUNT 4

#define DEFAULT\_TIMEOUT 1500

typedef struct

{

struct ip ip\_hdr;

u8 ip\_option[8];//char = u8;

struct icmphdr icmp\_hdr;

u8 data[0];

} myicmp ;

void

fill\_iphdr ( struct ip \*ip\_hdr, const char\* dst\_ip);

void

fill\_icmphdr (struct icmphdr \*icmp\_hdr);//char = u8;

u16

fill\_cksum ( struct icmphdr \*icmp\_hdr);// unsigned short = u16

#endif