Linux kernel development

#include <linux/types.h>

arch neutral	comments
uint8_t	
uint16_t	
uint32_t	
uint64_t	
int8_t	
int16_t	
int32_t	
int64_t	
size_t	
ssize_t	
intptr_t	
uintptr_t	
dma_addr_t	dma address
phys_addr_t	physical address

Linux application development

#include <stdint.h> // in /usr/include/stdint.h

arch neutral	comments
uint8_t	
uint16_t	
uint32_t	
uint64_t	
int8_t	
int16_t	
int32_t	
int64_t	
size_t	
ssize_t	
intptr_t	
uintptr_t	
off_t	file offset, etc
fpos_t	file position, etc