The **OSI** Network Model

Open Systems Interconnection (OSI) 7 layer model

Transmit data

Receive data

LAYERS

LAYERS

	Transmit data	Receive data		Description
Data	Aplication	Aplication	Software	**END User Layer:** HTTP, FTP, IRC, SSH, DNS
	Presentation	Presentation		**Syntax layer:** SSL, SSH, IMAP, FTP, MPEG, JPG
	Session	Session		**Synch & send to port:** API's, Sockets, WinSock
Segments	Transport	Transport		**End-to-end conection:** TCP, UDP
Packets	Network	Network	Hardware	**Packets:** IP, ICMP, IPSec, IGMP
Frames	Data Link	Data Link		**Frames:** Ethernet, PPP, Switch, Bridge
Bits	Physical	Physical		**Physical structure:** Coax, Fiber, Wireless, etc..