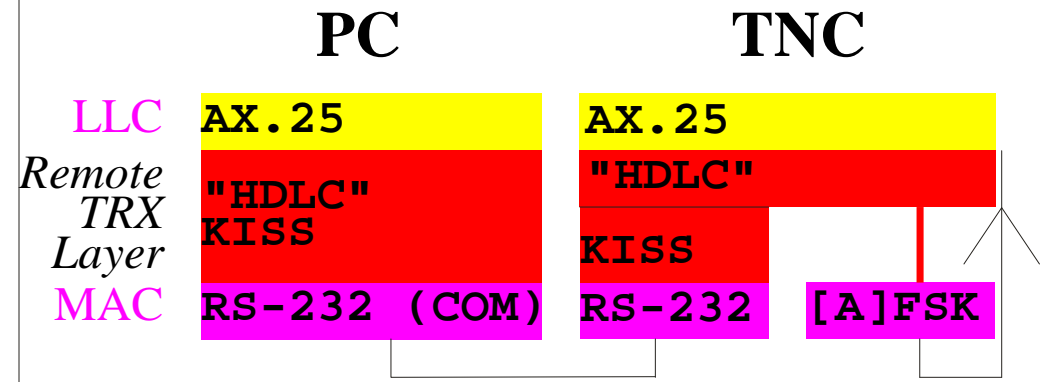


When using a KISS TNC:

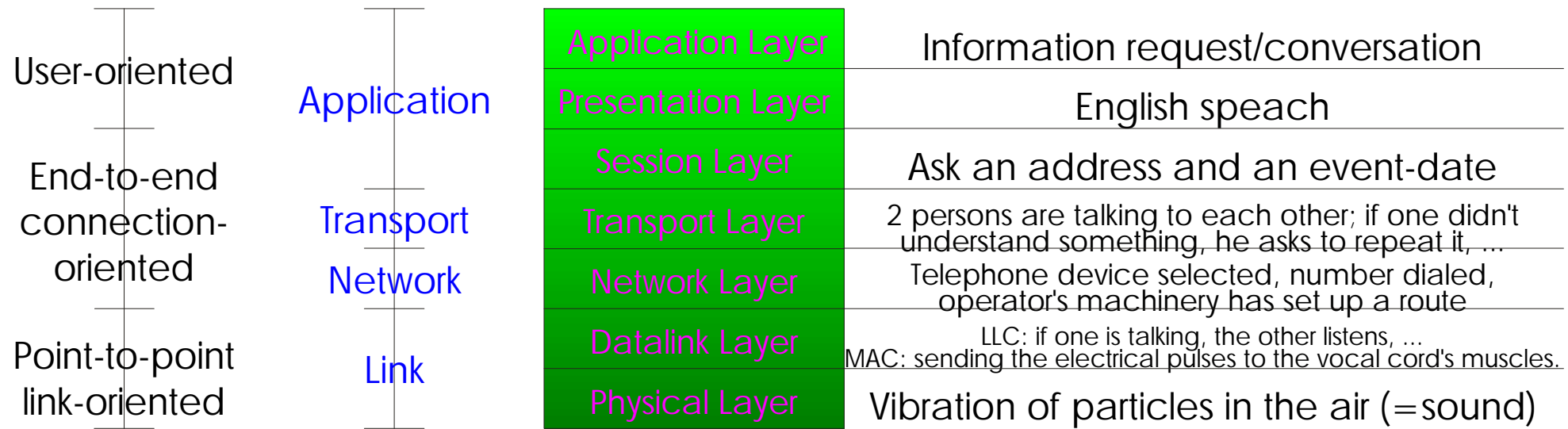


Conceptual

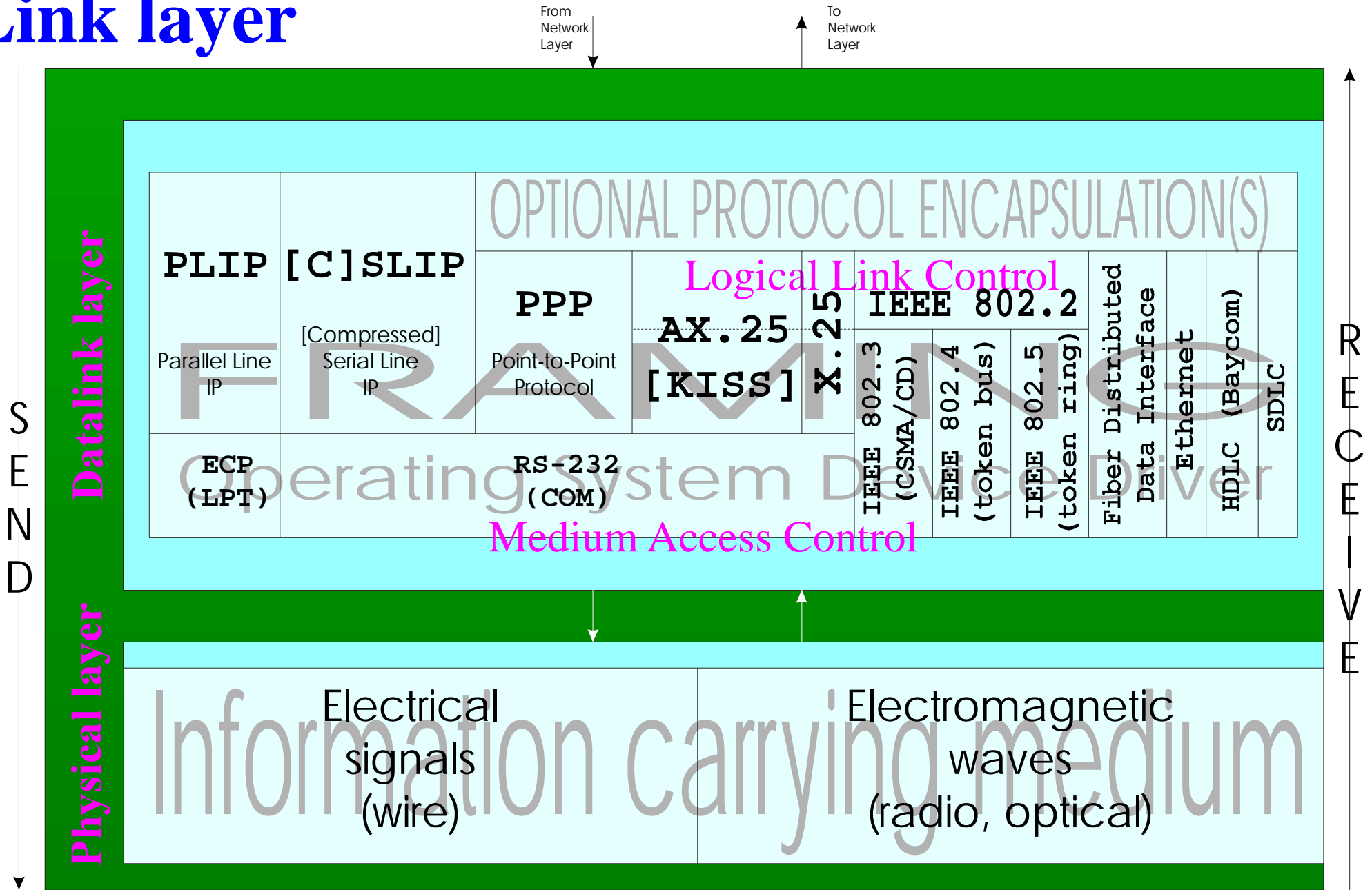
TCP/IP

OSI

Human example



Link layer



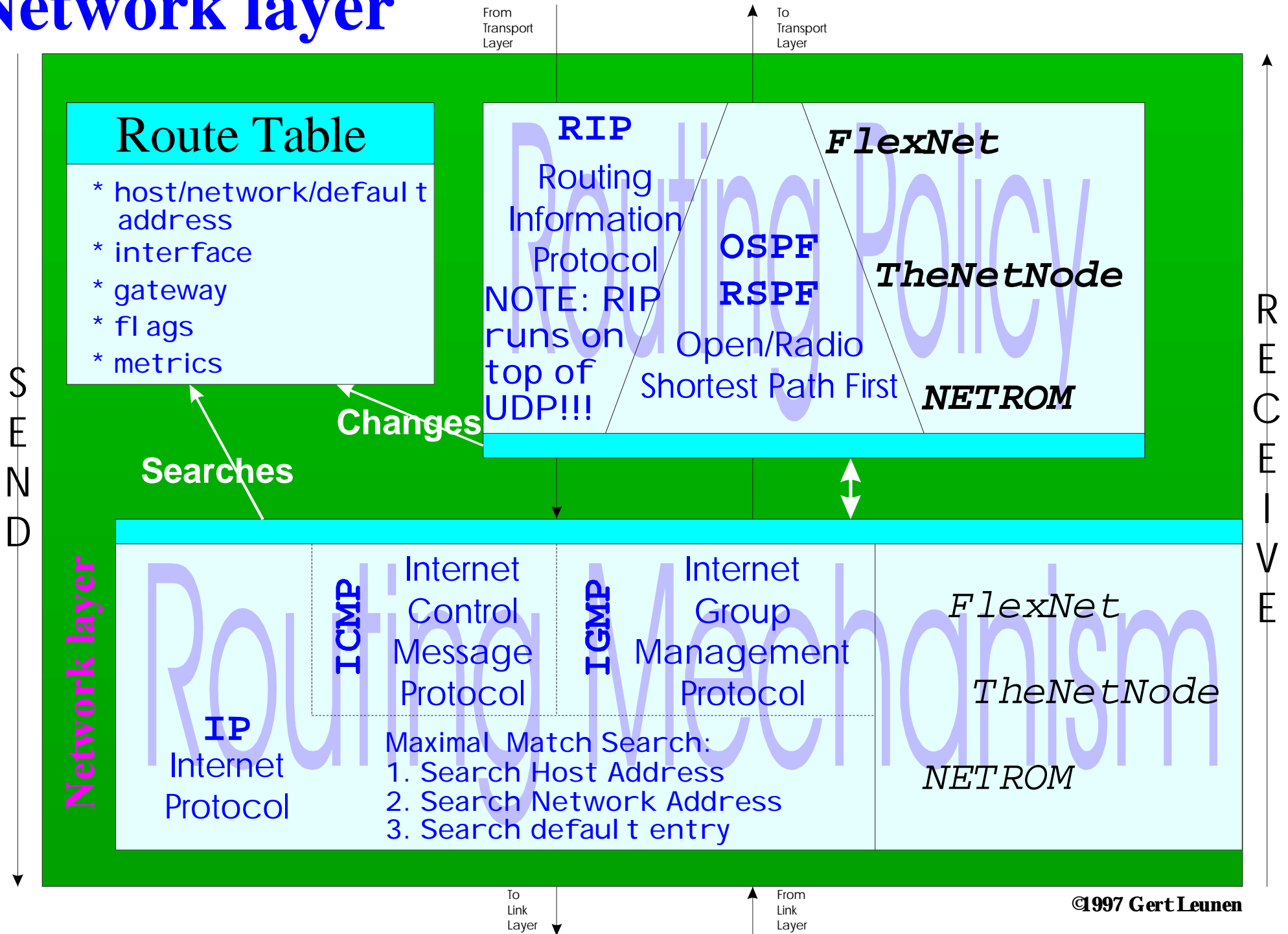
Known protocols

TCP/IP terminology

ISO Open Systems Interconnection terminology

Even if the data-link layer provides a reliable virtual circuit, the TCP/IP protocol-suite assumes an unreliable datagram service in the layers underneath.

Network layer



Transport layer

From/To
Application
Layer

SEND

RECEIVE

Transport layer

[T /] TCP

[Transaction]
Transport Control
Protocol

Provides reliable
(acknowledged)
communication:

- ordered delivery
- flow control
- error control

by using:

- one TCP connection for each direction
- 3-way handshake connection establishment with MSS advertisement
- sliding windows with error recovery
- piggybacking
- pipelining

UDP

User
Datagram
Protocol

Provides unreliable
communication:

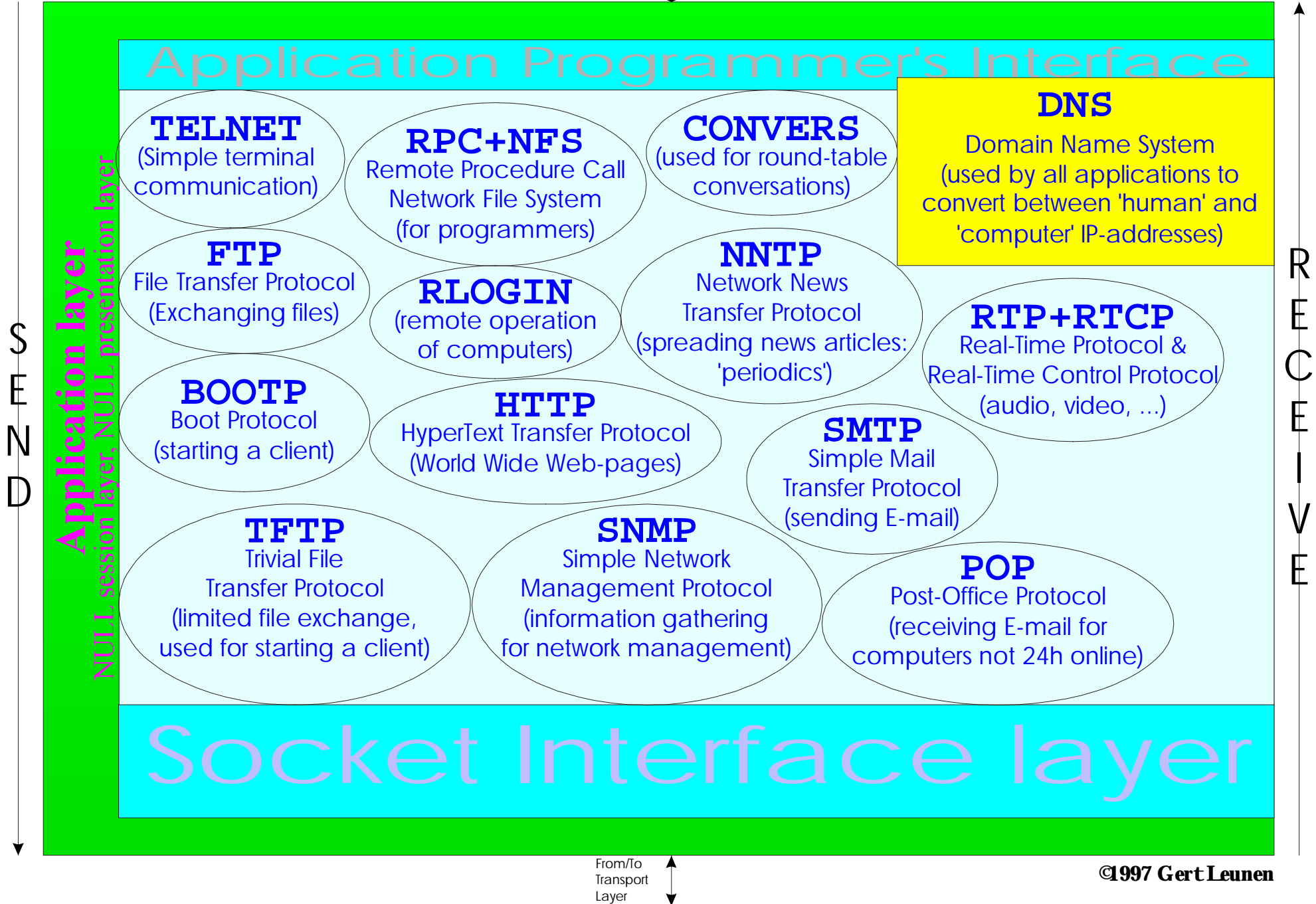
- order not guaranteed
- Both no delivery and repeated delivery possible

To
Network
Layer

From
Network
Layer

Application layer

From/To Applications



File Edit View Message Go Links Options Window Help

Get Mail Delete To:Mail Re:Mail Re:ALL Forward Previous Next Print Stop

Mail Folder Unread Total Sender Subject Date

Inbox					
Outbox		1			
Trash		7			
Sent		2			

Roger ... x86 versies va... Sat 00:32:29
 Roger ... hello Sat 11:08:29

Directory Window Help

Stop

Directory Software

Netscape News - [NETSCAPE!!!]

File Edit View Message Go Links Options Window Help

To:News To:Mail Re:Mail Re:News Re:Both Forward Previous Next Thread Group

News server Unread Total Sender Subject

44.144.50.2 (default news host)				
all	67	67		
contest	2	2		
debugger	27	29		
protocol	14	14		
tcpip	5	5		
tech	5	5		

on4awm%o... test vanuit 4aic
 on4ait@on... Heropstart van on4
 on4awm@o... Re: OPEN DEUR bi
 on4awm@o... Vrije freq
 on4awm@o... (X)Net
 Robert Buyle Re: (X)NET
 Roger Leunen NETSCAPE!!!

Date: Sat, 01 Mar 1997 00:49:43 +0000
 From: Roger Leunen <on4ahq@on4ait.ampr.org>
 Organization: Radioclub Sint-Truiden
 Newsgroups: [debugger](#)

Gegroet mede-debuggers.

met dit berichtje heb ik de eer U allen te melden dat ik er r
 geslaagd ben om met behulp van het alombekende Internet-pakke

Subject: x86 versies van JNOS
 Date: Sat, 01 Mar 1997 00:32:29 +0000
 From: Roger Leunen <on4ahq@on4ait.ampr.org>
 Organization: Radioclub Sint-Truiden
 To: club@on4ait.ampr.org

Zoals beloofd tijdens de TCP/IP-cur
 een aantal bijkomende compilaties v
 286-modellen en een voor de 8086-mo

Document: Done

OS/2 System

There is no doubt
 being used on a
 Internet After d

Document: D

PMView

File Mode Edit
 Transform Color
 View Help