

AN IDLE PROTOCOL STACK ANALOGY

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end2end mailing list

AS TOLD BY

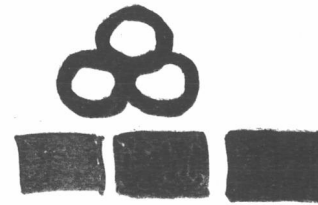
HILARIE ORMAN

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PATHWAY, ROAD, BAND  
GODDESS OF THE RAINBOW

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ARISTOTLE - 3 COLORS



PHILOSOPHY OF LINEAR COMBINATIONS  
GOLDEN MEAN

NORSE MYTHOLOGY - TRI-COLORED BRIDGE  
TO ASGARD

NETWORKS CLASSICAL PERIOD

APPLICATION  
DATA/LINK  
PHYSICAL

# MIDDLE AGES

FOURTH COLOR — OCCASIONALLY MENTIONED BY ARISTOTLE

PHILOSOPHICALLY ~ EARTH, FIRE, WATER, AIR

NETWORK:	APPLICATION
	TRANSPORT
	LINK
	PHYSICAL

## "NATURAL" PERCEPTION

FIVE COLORS — (RED ORANGE YELLOW GREEN BLUE)

NETWORK:	APPLICATION
	TRANSPORT
	LINK
	PHYSICAL
	EYE

(RED YELLOW GREEN BLUE PURPLE)

## THE SOPHISTRY OF SEVEN

ISAAC NEWTON EXPOUNDED ON SEVEN

COLORS TO THE ROYAL SOCIETY IN 1672

RED ORANGE YELLOW GREEN BLUE INDIGO VIOLET

RICHARD OF YORK GAVE BATTLE IN VAIN<sup>??</sup>

PLANETS, HUMORS, TEMPERMENTS,

RENAISSANCE ARTISTS, ANIMALS, PLANTS,

METALS, MUSICAL SCALE

# OSI (7) LAYERS ; ALCHEMY

APPLICATION	TWO ALL BEEF PATTIES
PRESENTATION	SPECIAL SAUCE
SESSION	LETTUCE
TRANSPORT	CHEESE
NETWORK	PICKLES
LINK	ONIONS
PHYSICAL	ON A SESAME SEED BUN

COUNTERPOINT TO THE  
IDLE PROTOCOL STACK ANALOGY

HILARIE OORMAN

COLORIST

RAINBOW → SPECTRUM

"PINK" IS AN 18<sup>TH</sup> CENTURY WORD

"PAPAYA WHIP" WAS AN X11R6  
DEVELOPMENT

"NATURAL" # OF COLORS -

8, 16, 256, 65536, 24M, "TRUE" !

COLOR IS A 3D VECTOR SPACE

PROJECTED ONTO A 3D NON-LINEAR

BIOLOGICAL SPACE

## COLOR PERCEPTION

DON'T CONFUSE COLOR WITH COLOR  
NAMES

MOST ANYONE CAN SEE THE FULL  
VISUAL SPECTRUM

NAMES RESULT FROM CLUSTERING  
(  $5 \pm 2$  LAW )

AND LANGUAGE

NUMBER OF COLOR NAMES  
TRACKS THE SOPHISTICATION  
OF A CULTURE





PROTOCOL LAYERS ARE AN  
IMPEDIMENT TO UNDERSTANDING  
NETWORKS



PREVENT PERCEPTION OF  
FUNCTIONAL INTERACTIONS



MAKE EFFICIENT IMPLEMENTATIONS  
LOOK DIS-ARCHITECTURAL



MICRO , NANO , PICO PROTOCOLS

PROTOCOLS ARE A  
CONTINUUM  
PROJECTED ONTO  
AN ARCHITECTURAL ID SPACE

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TCP ■

BYTE SEQ  
CONNECTION  
RELIABLE  
FLOW CONTROL  
CONGESTION AVOID  
FAIRNESS SEEKING

OLIVE  
SPRING GREEN  
FOREST GREEN  
GREEN  
TEAL  
HUNTER  
PINE

SOPHISTICATED NETWORK CULTURE  
CAN NAME ALL FUNCTIONAL  
COMPONENTS

THROUGH  
A GLASS  
DARKLY

& MAP TO  
ALTERNATE  
SPACES

