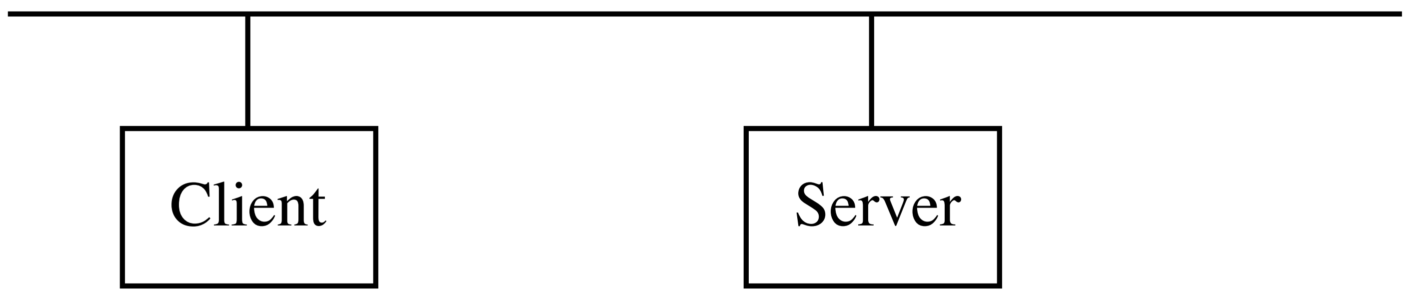
DCE Client/Server Architecture

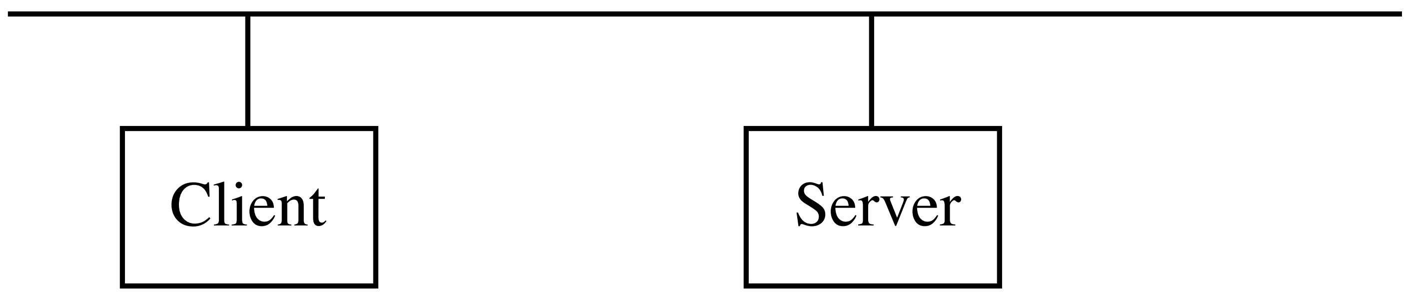
Ron Burback

Standard DCE Client/Server



Client	Server
DECD	DECD
RPC	RPC
Tickets	Tickets
In the Cell	In the Cell

People and Server Principals



Client	Server
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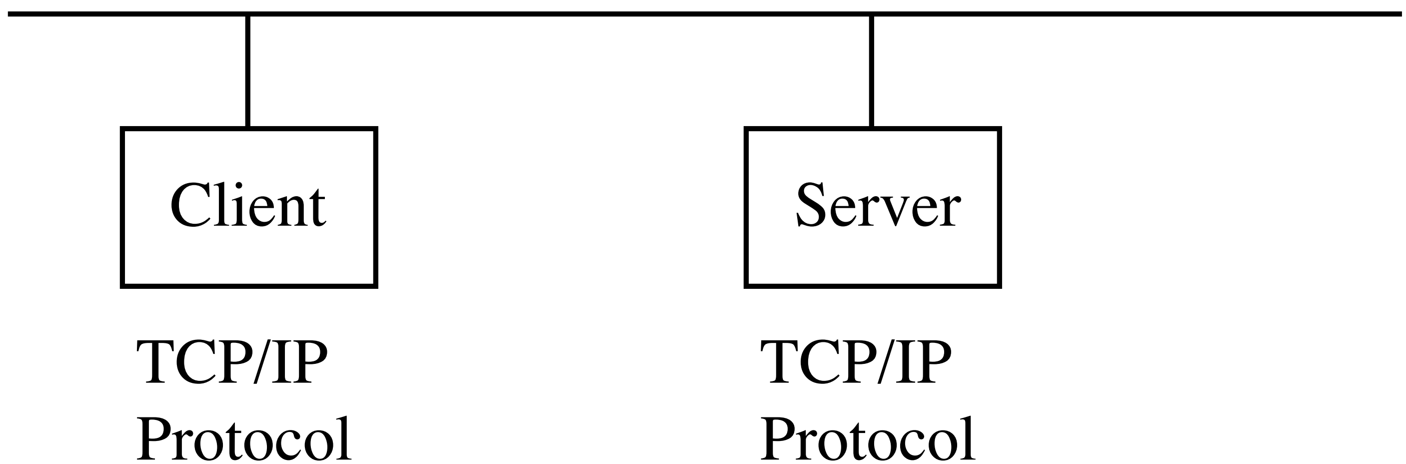
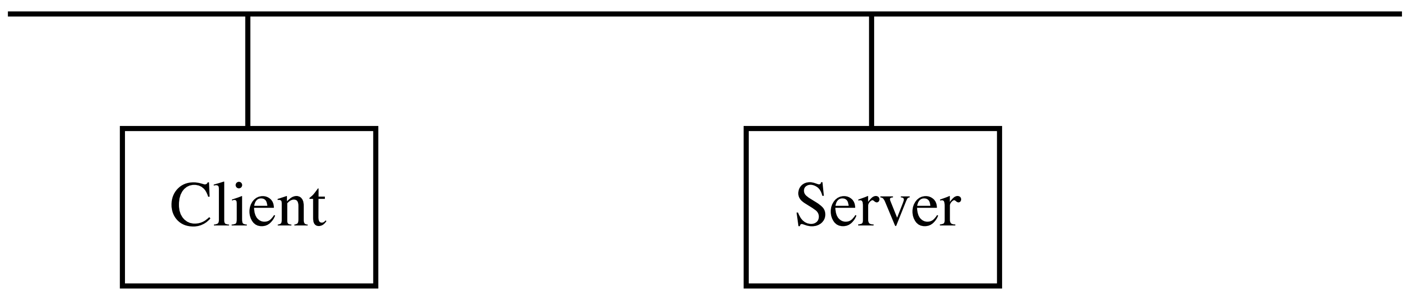
Standard TCP Protocol



Wrapping an Existing Protocol

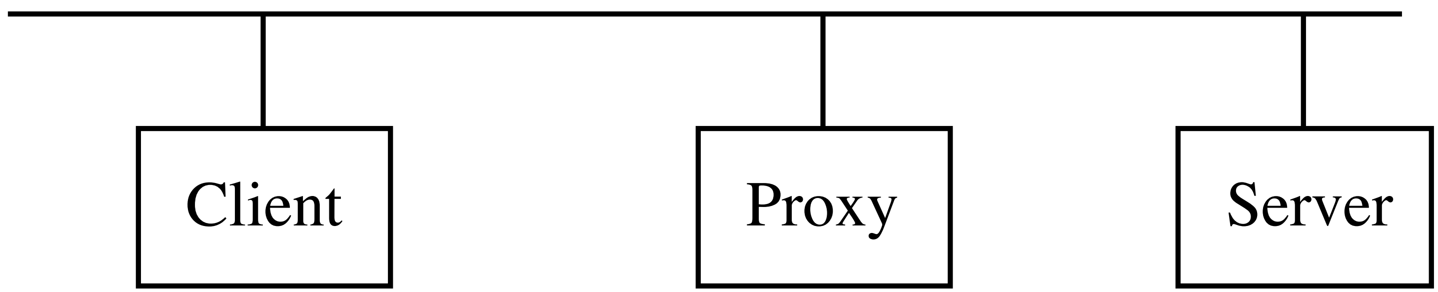


Client	Server
DECD	DECD
RPC	RPC
Tickets	Tickets
Not in Cell	In the Cell
Protocol Tunnel	Protocol Tunnel

Examples that could be wrapped

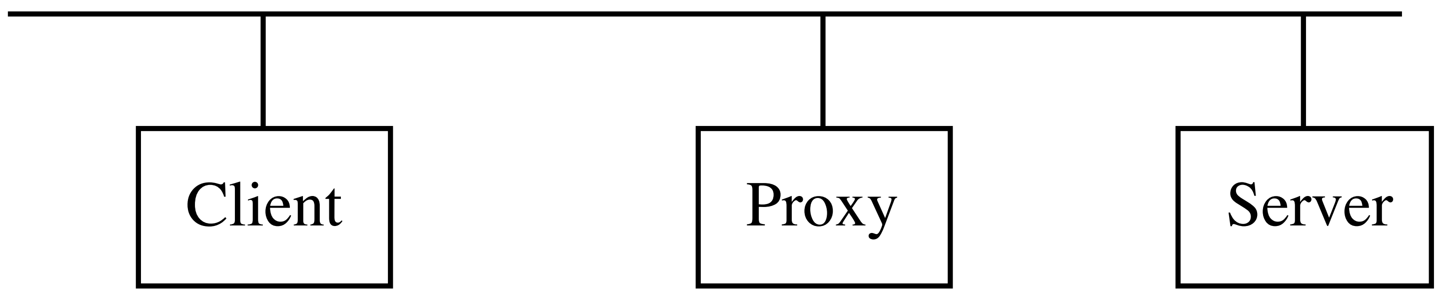
- FTP
- SQL/Net Database
- Telnet
- LPR - secure printing
- Remote Shell
- HTTP web
- SMTP email

Lite-DCE Client



DCE-lite	DECD	DECD
TCP/SSL	RPC	RPC
Tickets	Tickets	Tickets
Not in Cell	In/Out of Cell	In the Cell

Web Example



DCE-lite	DECD	DECD
TCP/SSL	RPC	RPC
Tickets	Tickets	Tickets
Not in Cell	In/Out of Cell	In the Cell