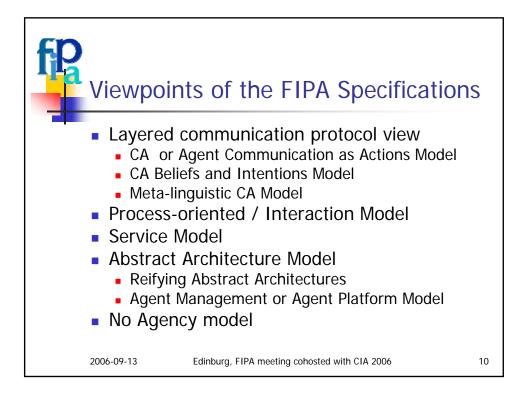


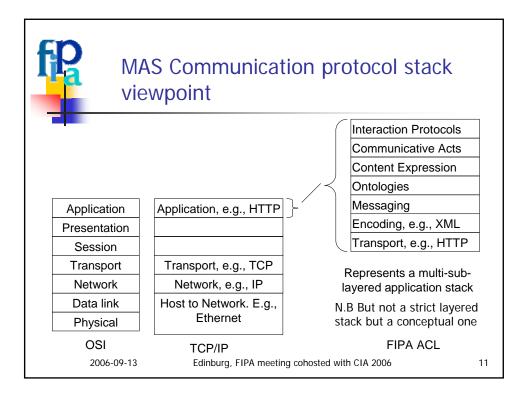
FIPA Histo	ry: activities (TC,	WG, SIG)
2003 Communication : Ontology, Semantics	Software Engineering: Interaction Protocol, Modeling, Methodology	Infrastructure: Ad- Hoc, Services, Security
2001 ACL Agreement Mgt	Architecture Gateways	Transport. AgentCities, DPMG, JCP, Security
2000 ACL Nomadic	Interop Architecture	Agent Management
1998- 9 ACL Agent Management	1,105	Mobility, Human-Agent n, Ontology Service
1997 ACL Agent Mar	nagement Msg Transport	APPS: PA, Travel, Audio-video, VPN
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MAS spec	cifications in 1997	
Applications	4 (PA, Travel, Audio-video, VPN)	
services	2 Agent mgt, transport	
Interaction Protocols	0	
Communicative Acts	1 (library of 20? CAs)	
Content Expression	0	
Ontologies	0	
Messaging	0	
Encoding	0	
Transport	0	
FIPA ACL 'Stack'	7 Specs. (No ref. implementations mandated)	
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R MAS spe	ecifications in 1998	
Applications	4 (PA, Travel, Audio-video, VPN)	
services	6 Agent mgt, transport, Security, Mobility, Human- Agent Interaction, Ontology Service	
Interaction Protocols	0	
Communicative Acts	1 (library of 20? CAs)	
Content Expression	0	
Ontologies	0	
Messaging	0	
Encoding	0	
Transport	0	
FIPA ACL 'Stack'	11 Specs. (No ref. implementations mandated)	
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	ns protocol stack: specs. that andards in 2002	
Services	6 Abstract, Agent mgt, transport, nomadic App Mgt, Device Ontology, QoS specification.	
Interaction Protocols	9	
Communicative Acts	1 (library of 22 CAs)	
Content Expression	1 (SL)	
Ontologies	0	
Messaging	1 (ACL structure)	
Encoding	3 (bit-efficient, String, XML)	
Transport	2 protocols (IIOP, HTTP), 2 transport	
FIPA ACL 'Stack'	encodings 25 Specs. (ref. implementations mandated)	
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FIPA interactio	n prot	ocols	viewp
Interaction Protocol	Task / info- sharing	Push / Pull	1-1 / 1-m receivers
Request	Tasks	Pull	1-1
Request-when(ever)	Tasks	Push	1-1
Query	Info.	Pull	1-1
Contract-Net/Iterated CN	Task	Push	1-m
English / Dutch Auction	Info	Pull	1-m
Broker	Info	Pull	1-m
Recruit	Task	Pull	1-m
Subscribe	Info	Push	1-1
Propose	Task	Pull	1-1
	*	.	

