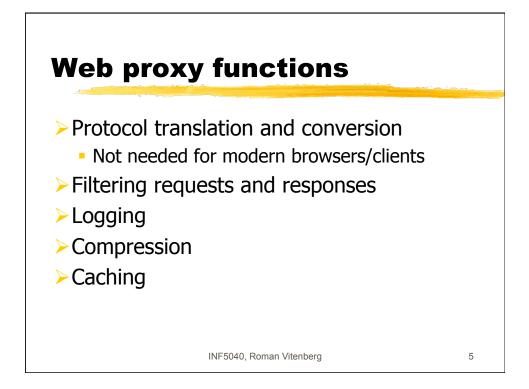


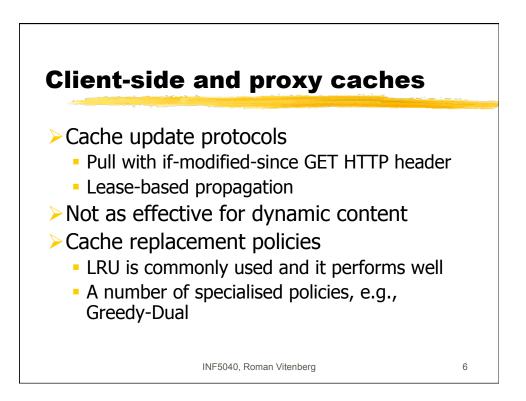
## Hypertext Transfer Protocol (HTTP)

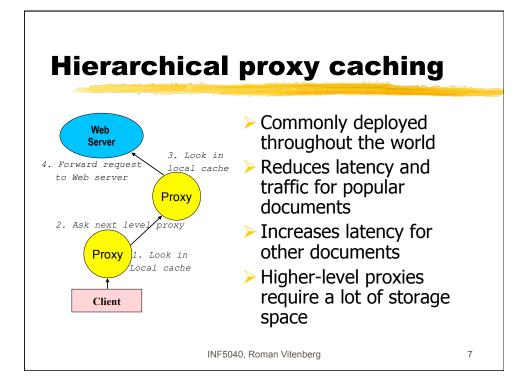
- > A simple document transfer protocol
  - A client sends a request & waits for a reply
  - GET, PUT, DELETE, HEAD, and POST methods
- Stateless
- > Uses TCP as the underlying protocol
- In HTTP 1.0, each request was sent on a separate TCP connection
- HTTP 1.1 introduced persistent connections and pipelining
- > A response may redirect the client to another document

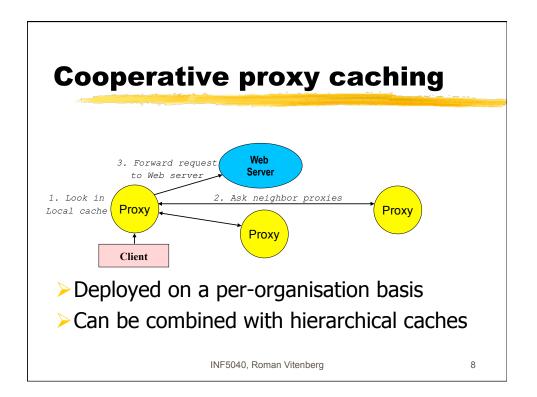
INF5040, Roman Vitenberg

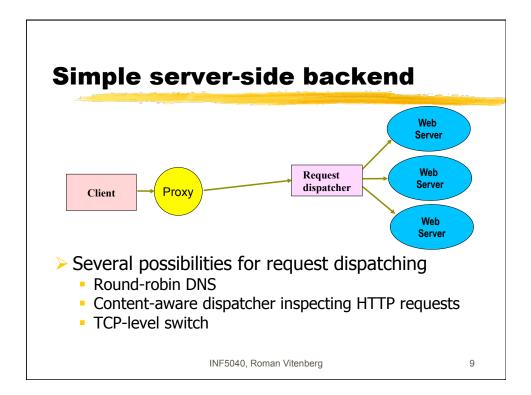
4

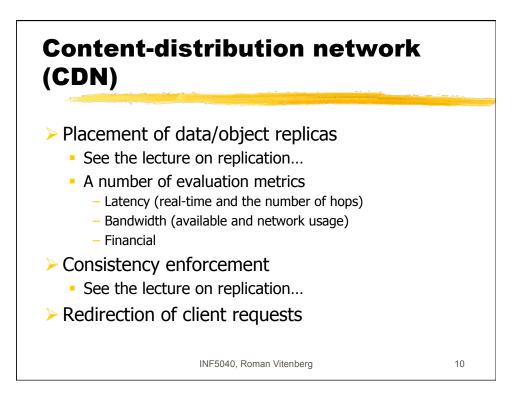


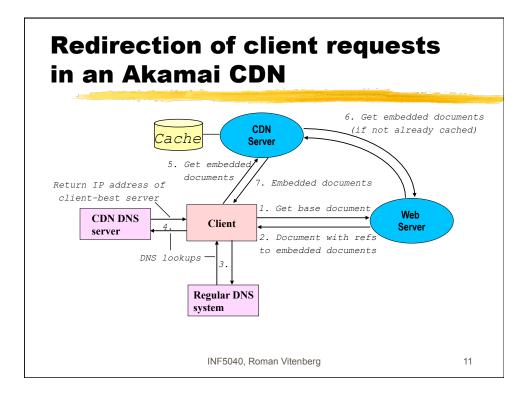


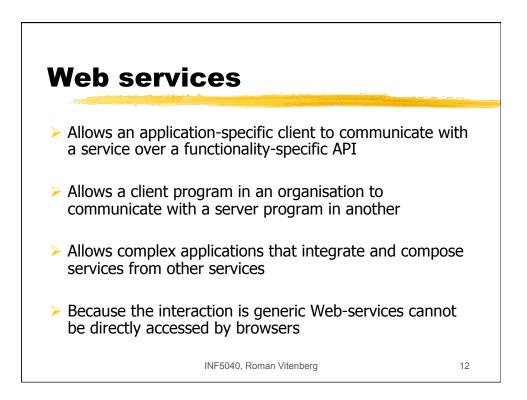


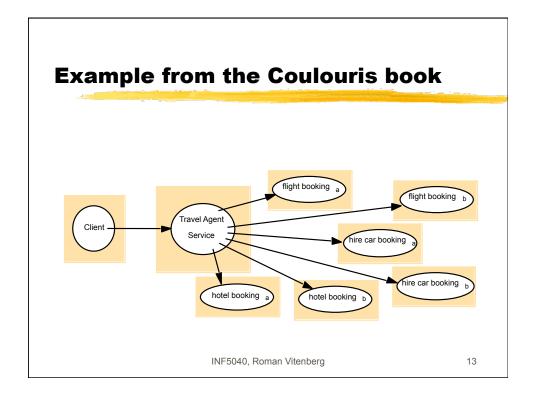




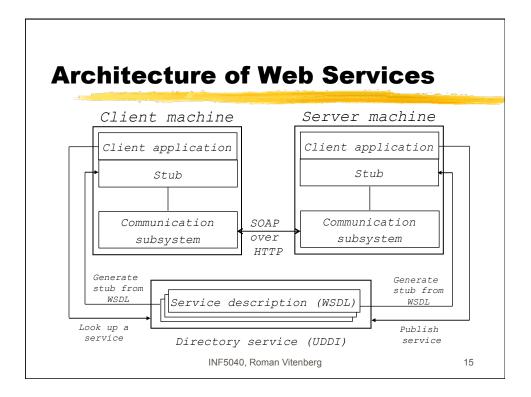


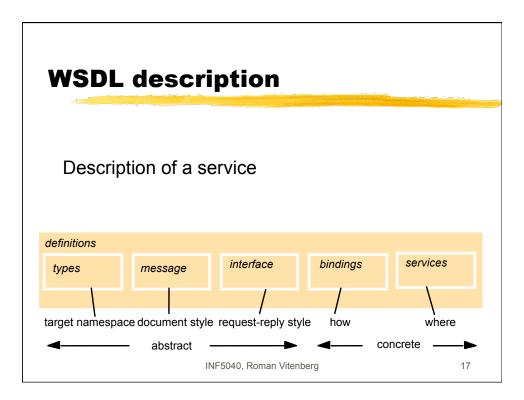


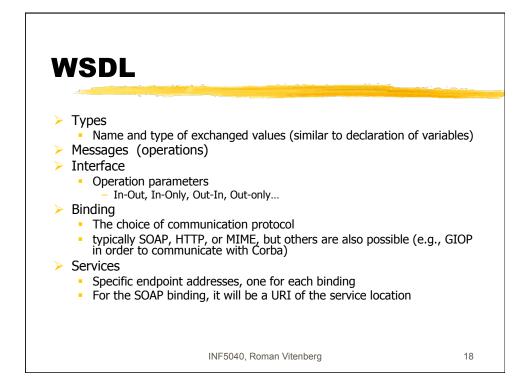


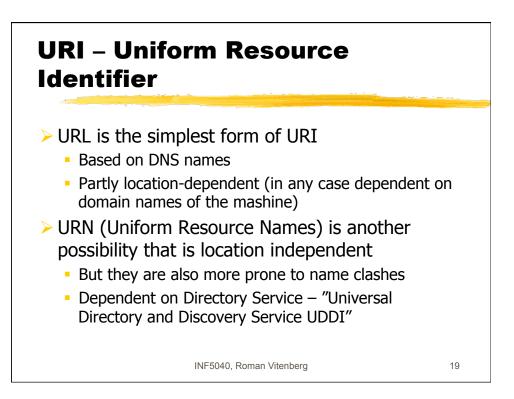


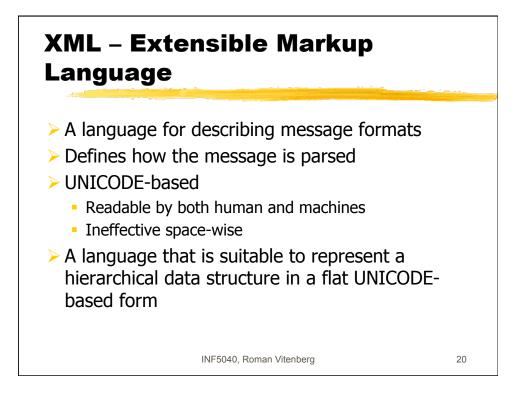


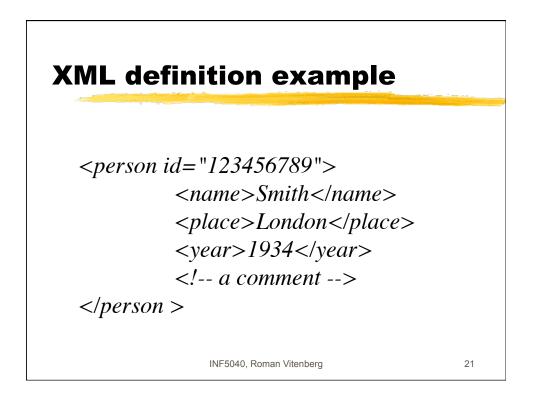


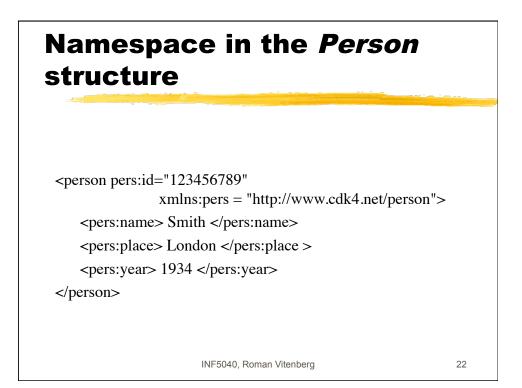






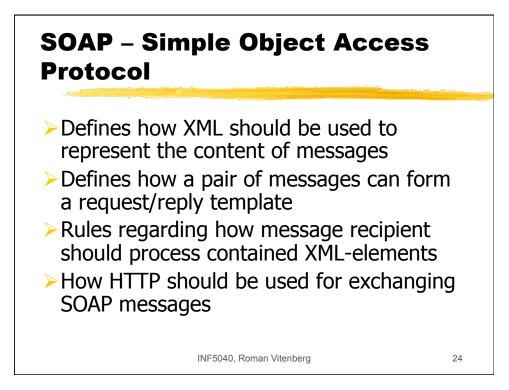






## Schema for the Personstructure

<xsd:schema xmlns:xsd = URL of XML schema definitions >
<xsd:element name= "person" type = "personType" />
<xsd:complexType name= "personType">
<xsd:sequence>
<xsd:sequence>
<xsd:element name = "name" type="xs:string"/>
<xsd:element name = "place" type="xs:string"/>
<xsd:element name = "year" type="xs:positiveInteger"/>
</xsd:sequence>
<xsd:attribute name= "id" type = "xs:positiveInteger"/>
</xsd:complexType>
</xsd:schema>



SO	AP N	lessage		_							
	Envelope, Header, and Body										
	envelope										
	header										
		header element	header element								
	body										
		body element	body element								
	INF5040, Roman Vitenberg										

SOAP message without the header										
	en	v:enve	elope	kmlns:env =nam	nespace	e URI for SOAP er	nvelopes			
		env	:body							
			<i>m:exchange</i> xmlns:m = namespace URI of the service description							
			n	n:arg1 Hello		<i>m:arg2</i> World				
				INF504	40, Roma	an Vitenberg			26	

