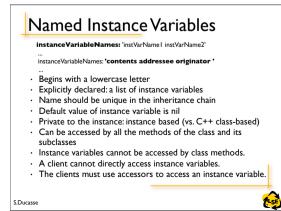


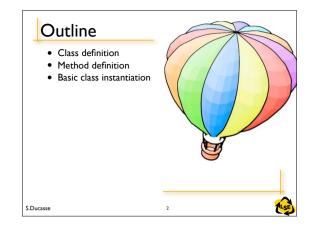
Automatically a class named "Packet class" is created. Packet is the unique instance of "Packet class". To see it, click on the class button in the browser

4

S.Ducasse

LSE





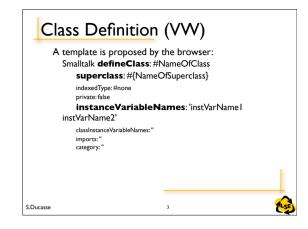
Class Definition: (Sq)

instVarName2'

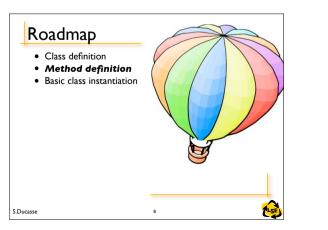
ClassVarName2'

S.Ducasse

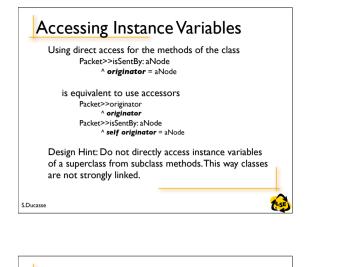
A template is proposed by the browser:



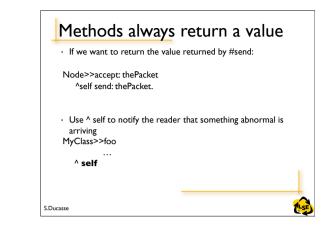
ass Definition: (Sq)	Filling the Template (Sq)
template is proposed by the browser:	Just fill this Template in: Object <b>subclass</b> : #Packet
ameOfSuperclass subclass: #NameOfClass	instanceVariableNames: 'contents
instanceVariableNames: 'instVarNamel	addressee originator '
stVarName2'	classVariableNames: "
classVariableNames: 'ClassVarName I	poolDictionaries: "
lassVarName2' poolDictionaries: "	category: 'LAN-Simulation'
<b>category</b> : 'CategoryName'	Automatically a class named "Packet class" is created.
	Packet is the unique instance of Packet class. To see it,
	click on the class button in the browser
s 🚱	S.Ducasse 6

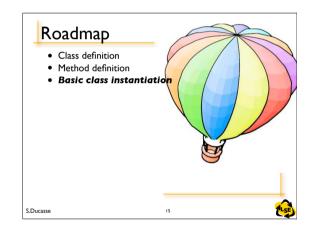


	ne template. For example:
F	Packet>>defaultContents
	"returns the default contents of a Packet"
	^ 'contents no specified'
١	Vorkstation>>originate: aPacket
	aPacket originator: self.
	self send: aPacket
• How to	o invoke a method on the same object? Send the message
to self	
F	Packet>>isAddressedTo: aNode
	"returns true if I'm addressed to the node aNode"
	^ self addressee = aNode name



Methods always	return a Value
<ul> <li>Message = effect + return valit</li> <li>By default, a method returns s</li> <li>In a method body, the ^ expression as the result of the</li> </ul>	elf ssion returns the value of the
Node>>accept: thePacket self send: thePacket	
This is equivalent to:	
Node>>accept: thePacket self send: thePacket. <b>^self</b>	
5.Ducasse	LE







## Some Naming Conventions

- · Shared variables begin with an upper case letter
- · Private variables begin with a lower case letter
- For accessors, use the same name as the instance variable accessed:

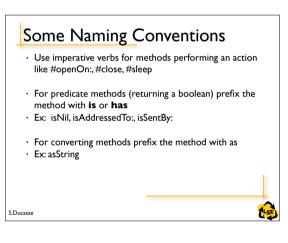
LSE

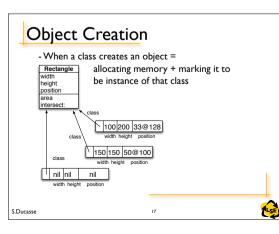
LSE

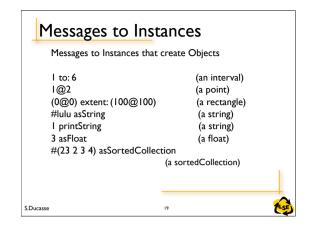
Packet>>addressee ^ addressee Packet>>addressee: aSymbol addressee := aSymbol

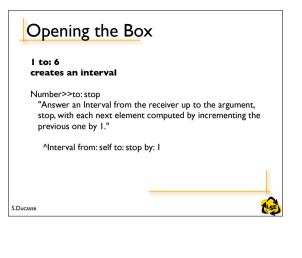
S.Ducasse

Object Instantiation Direct Instance created by: . Direct Instance creation: new/new: . Messages to instances that create other objects . Class specific instantiation messages



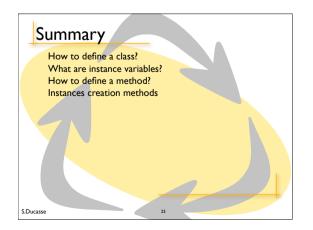






## Sbucasse

## Instance Creation I@2 creates a point Number>>@ y "Answer a new Point whose x value is the receiver and whose y value is the argument." <primitive: 18> ^ Point x: self y: y SDucase



## Class-specific Messages

S.Ducasse

Array with: I with: 'lulu' OrderedCollection with: I with: 2 with: 3 Rectangle fromUser -> 179@95 corner: 409@219 Browser browseAllImplementorsOf: #at:put: Packet send: 'Hello mac' to: #mac Workstation withName: #mac

LSE

