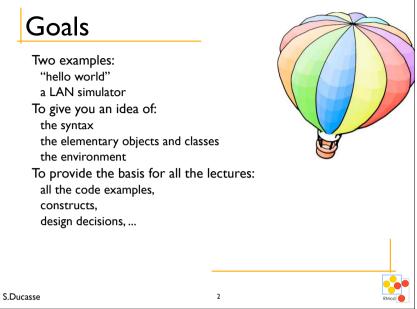


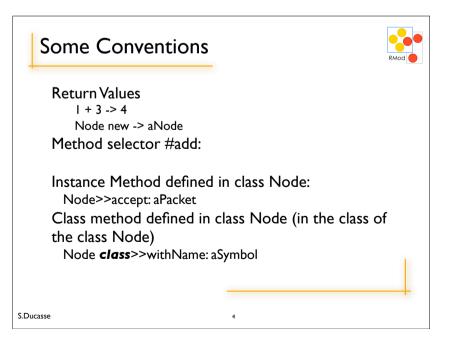
An Advice



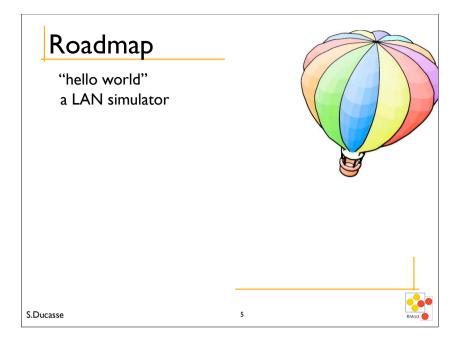
You do not have to know everything!!!

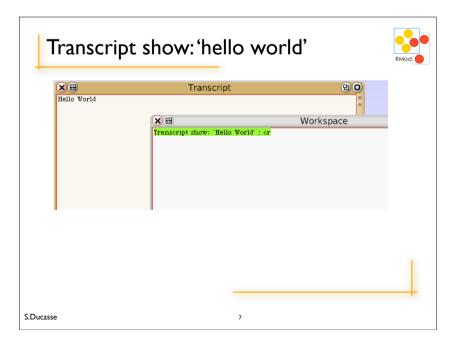
"Try not to care - Beginning Smalltalk programmers often have trouble because they think they need to understand all the details of how a thing works before they can use it. This means it takes quite a while before they can master Transcript show: 'Hello World'. One of the great leaps in OO is to be able to answer the question "How does this work?" with "I don't care"". Alan Knight. Smalltalk Guru





S.Ducasse





Hello World

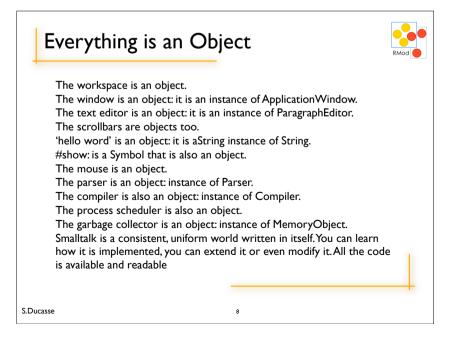
Transcript show: 'hello world'

At anytime we can dynamically ask the system to evaluate an expression. To evaluate an expression, select it and with the middle mouse button apply dolt.

Transcript is a special object that is a kind of standard output.

It refers to a TextCollector instance associated with the launcher.

S.Ducasse



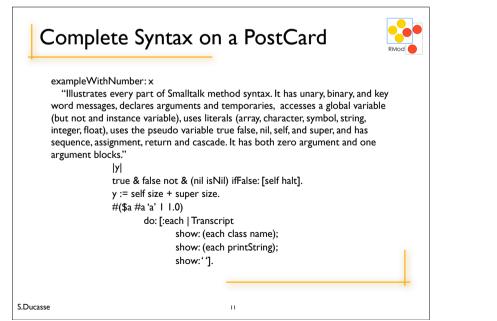


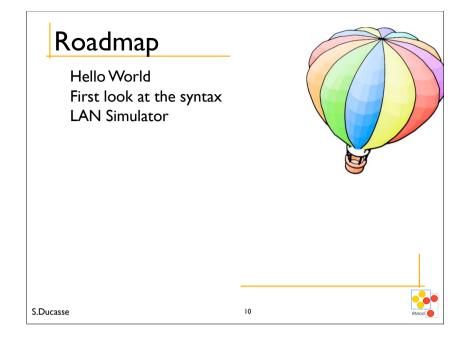
Smalltalk Object Model

Everything is an object Only message passing Only late binding Instance variables are private to the object Methods are public Everything is a pointer

Garbage collector Single inheritance between classes Only message passing between objects

S.Ducasse

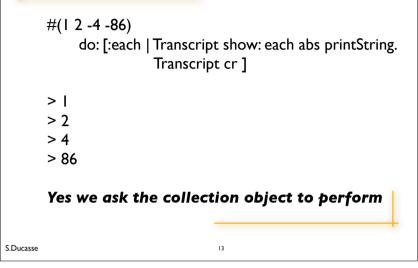




<section-header><section-header><section-header><section-header><section-header><section-header><section-header><text><text>

Yes a collection is iterating on itself





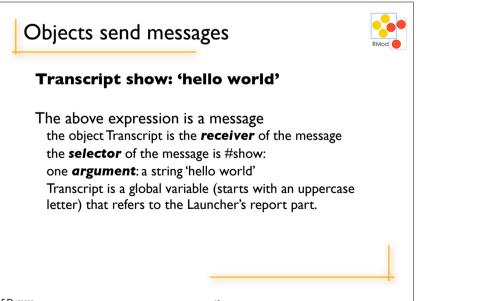
Dolt, Printlt, InspectIt and Accept

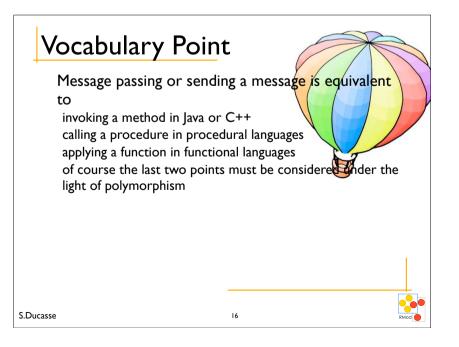


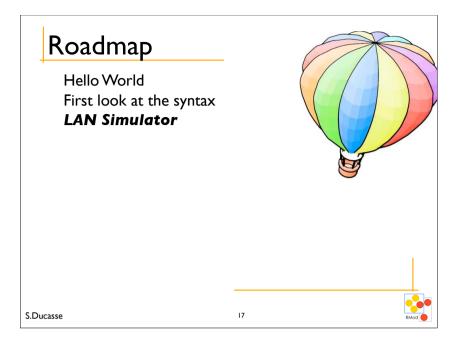
Accept = Compile: Accept a method or a class
definition
Dolt: send a message to an object
Printlt: send a message to an object + print the
result (#printOn:)
InspectIt: send a message to an object + inspect
the result (#inspect)

14

S.Ducasse







Three Kinds of Objects



Node and its subclasses represent the entities that are connected to form a LAN.

19

Packet represents the information that flows between Nodes.

NetworkManager manages how the nodes are connected

A LAN Simulator

A LAN contains nodes, workstations, printers, file servers. Packets are sent in a LAN and each node treats them differently.

