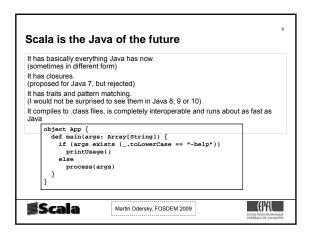
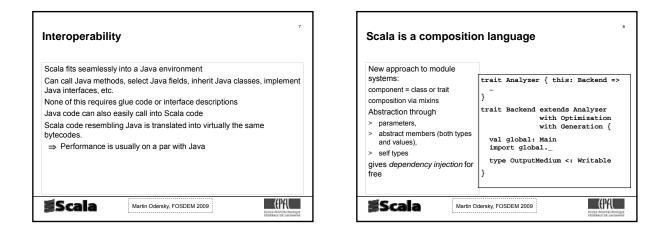
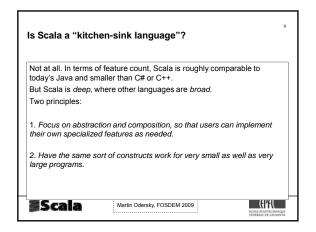


Scala is a scr	ipting language	5
It has an interactive	read-eval-print-loop (REPL).	
Types can be inferr	1 1 1 1	
Boilerplate is scrap		
scala> var canital = M	ap("US" \rightarrow "Washington", "France" \rightarrow "Pa	arie")
•	tring] = Map(US \rightarrow Washington, France \rightarrow	
scala> capital += ("Ja		· · · · · · · · · · · · · · · · · · ·
scala> capital("Franc	•")	
res7: String = Paris		
#Scala	Martin Odersky, FOSDEM 2009	(1941
	£	ECOLE POLYTECHNICUE FEDERALE DE LAUSANNE







Scala compare	ed to Java	3	10
Scala adds		Scala removes	
+ a pure object s	/stem	- static members	
+ operator overlo	ading	- primitive types	
+ closures		- break, continue	
+ mixin composit	ion with traits	- special treatment of interfaces	
+ existential type	8	- wildcards	
+ abstract types		- raw types	
+ pattern matchin	Ig	- enums	
Modeled in libraries assert, enums, pr	-	nts, actors, using, queries, …	
Scala Martin Odersky, FOSDEM 2009			(PA)

Scala cheat sheet (1): Definitions			
Scala method definitions:	Java method definition:		
def fun(x: Int): Int = { result }	int fun(int x) { return result }		
def fun = result	(no parameterless methods)		
Scala variable definitions:	Java variable definitions:		
var x: Int = expression val x: String = expression	int x = expression final String x = expression		
Scala Martin Odersk	ky, FOSDEM 2009		

