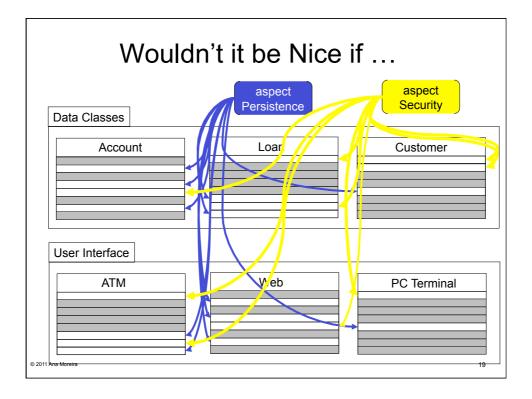
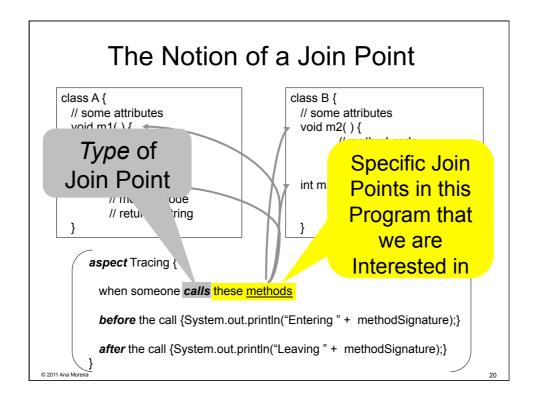
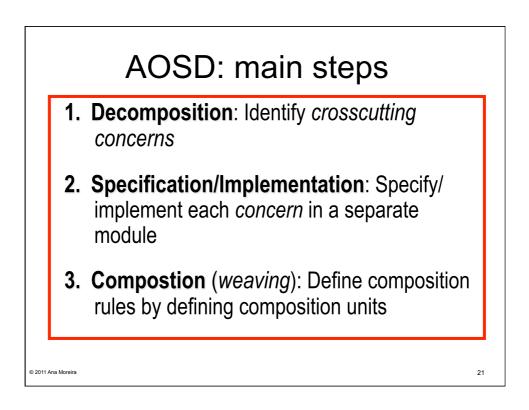
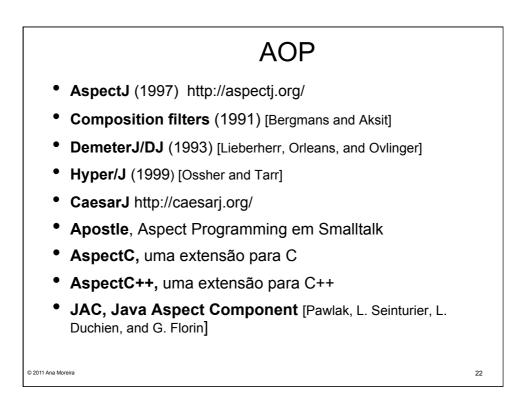


Tangling and Scattering		
Data Classes	Primary Functionality Persister	nce <mark>Security</mark>
Account User Interface	Loan	Customer
ATM	Web	PC Terminal

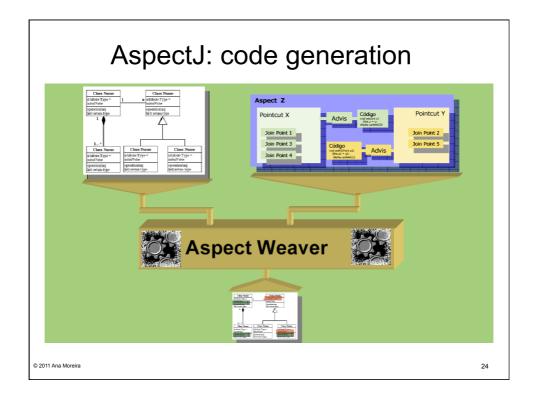


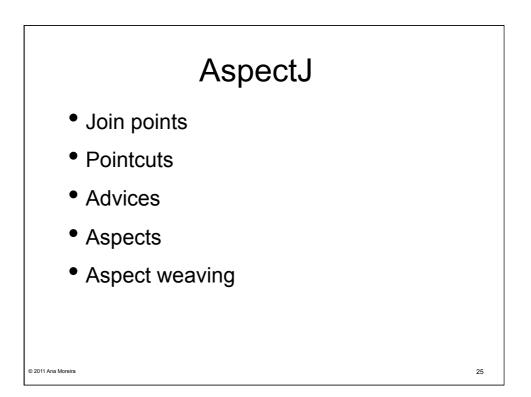


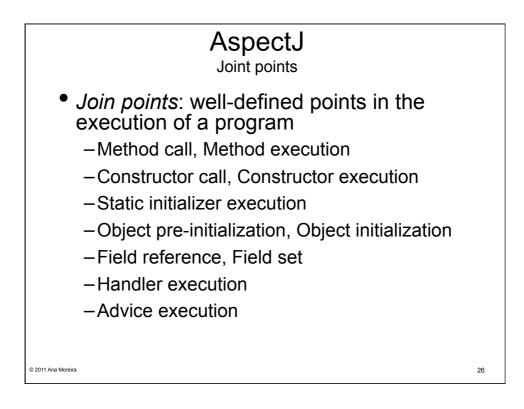


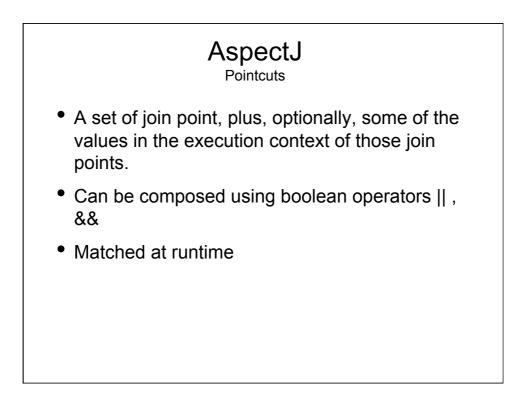


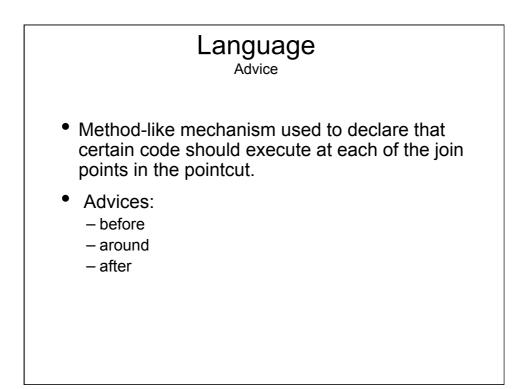


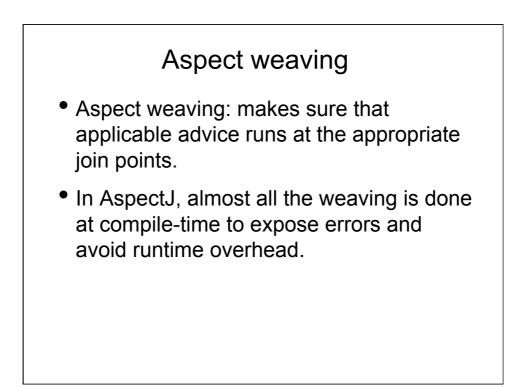


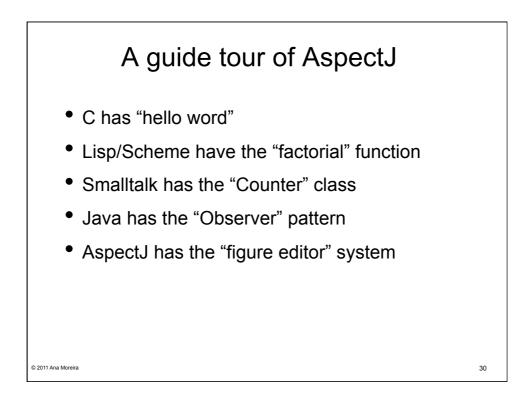


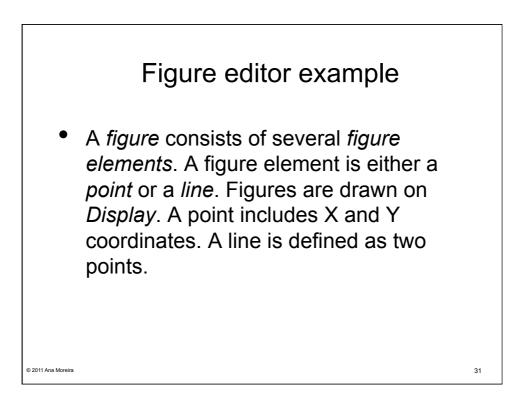


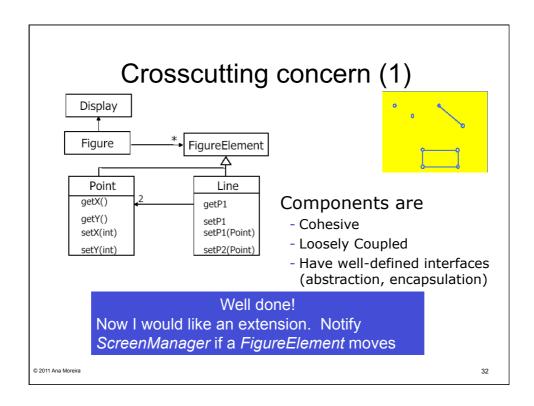


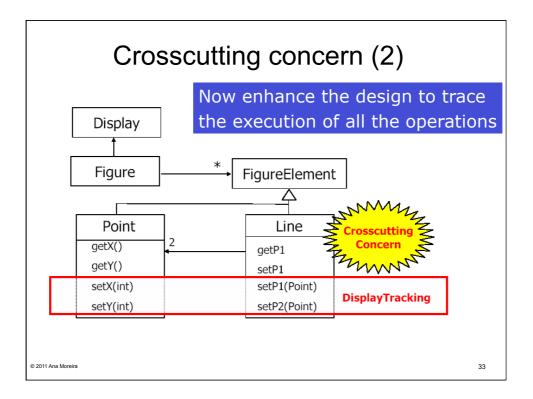


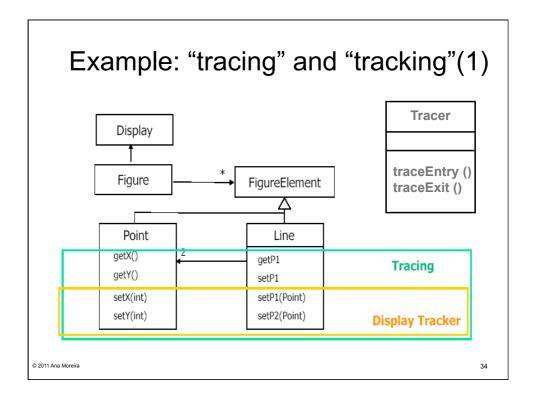


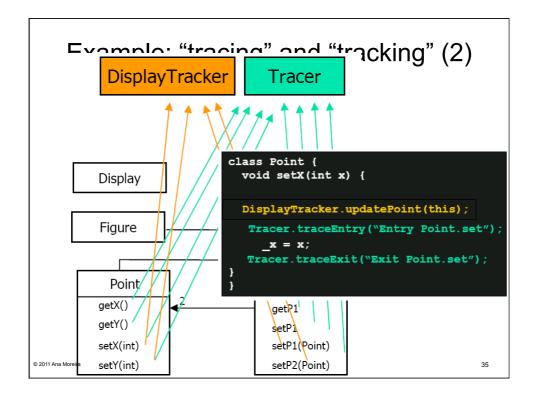


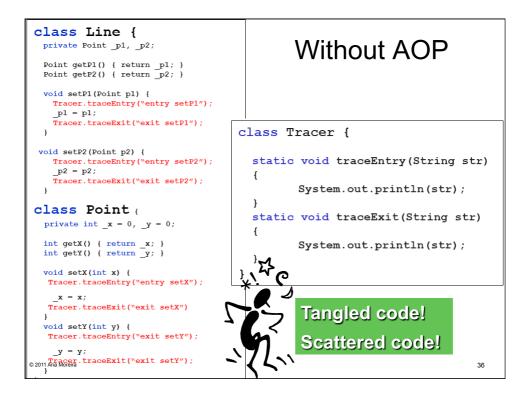












<pre>class Line { private Point _p1, _p2;</pre>	With AOP
<pre>Point getP1() { return _p1; Point getP2() { return _p2;</pre>	aspect Tracing (
<pre>void setP1(Point p1) { _p1 = p1; }</pre>	<pre>pointcut traced(): call(* Line.*) call(* Point.*);</pre>
<pre>void setP2(Point p2) { _p2 = p2; } }</pre>	<pre>before(): traced() { println("Enter " + thisJoinPointStaticPart.getSignature()); }</pre>
<pre>class Point { private int _x = 0, _y = 0; int getX() { return _x; }</pre>	<pre>, after(): traced() { println("Exit " + thisJoinPointStaticPart.getSignature());</pre>
<pre>int getY() { return y; } void setX(int x) {</pre>	} }
_x = x; } void setY(int y) { _y = y; } Aspect is defined in a separate module Crosscutting is localized No scattering; No tangling Improved modularity	

