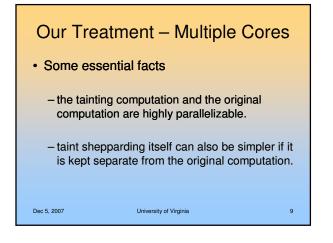
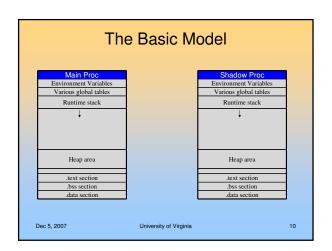
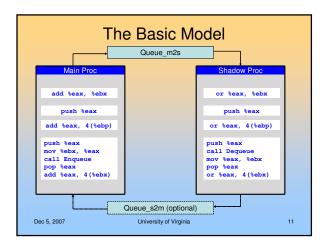
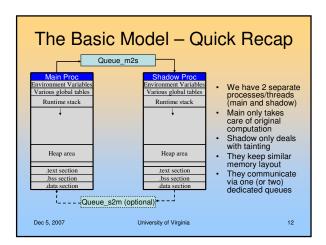


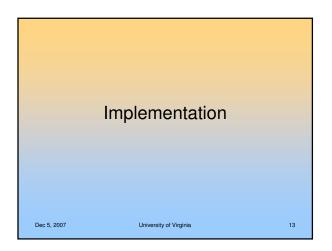
	Tasks	Costs		
Spill a few registers (may include FLAG registers) for taint computation				
Map %eax to its shadow memory location				
Map memory (%ebp) to its shadow memory location				
Map FLAG registers to its shadow memory (optional)				
Load the taint status of the two operands				
Compute and store the new taint status in the shadow memory				
Restore the spilled registers (may include status registers)				
add %eax, 4(%ebp)				
Tatal				
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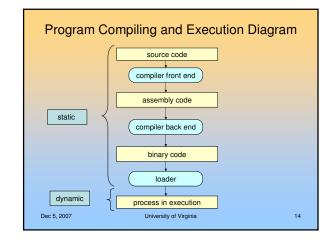


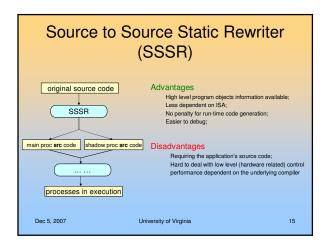


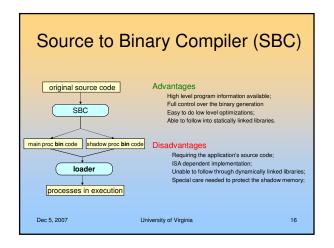


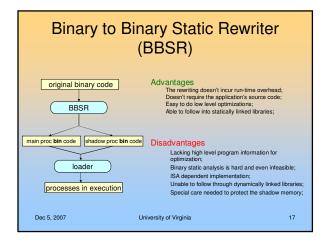


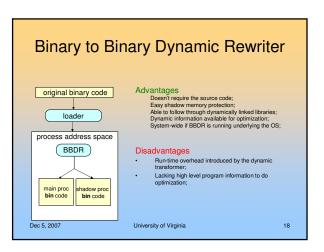












Quick recap								
	Optimization Opportunity	Static library tracing	Dynamic library tracing	ISA Independent	Shadow memory protection			
source-to- source	$\checkmark$	×	×	V	hard			
source-to- binary	1	1	×	×	hard			
static binary rewriter	×	V	×	×	hard			
runtime binary transformer	×	1	1	×	intuitive			
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