

Imagine - C:\Documents and Settings\Chris Roe\Desktop\Part2.IMP

File Edit View Options Page Help

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Multiple sliders and turtles

- * Textbox values and headings of turtles are dependent on a combination of two sliders
- * The top example shows a typical Imagine solution
- * The bottom example uses dependency:
 - there is no repetition of formulae so if a change is required the programmer won't forget to update all occurrences
 - programmer does not have to search elsewhere to find what effects the arrows

xt188
text188'value s9'value]]
accepting text188
s9'value

Now Pl

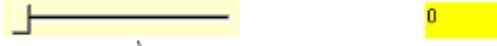
dependent

Implementing a Dependency-based programming system

← →

21 0

15 0



onChange: text187'setvalue s8'value



text188'value is s9'value

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Implementing a Depen

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Change tiltarrow - based on turtle

Basics Shape Painting Position Events Variables Procedures

Position

Position: X: tilt'xcor Position: Y: tilt'ycor

Apos: X: 31 Apos: Y: 258

Set Heading...

Home State

Position: X: 127 Position: Y: -103

Set Heading... 0 Set Current

Range

Wrap Rectangle

Window Fence Bounce

OK Cancel

