Event Handling

What is Event Handling

Allows for separate scripts (blocks of instructions) to begin and end execution based on the broadcasting of message from other scripts.

Multiple Active Sprites

When there are multiple actively running scripts, then each script can control a different sprite on the screen.

There also be scripts that do not control a sprite, but cause a change of costume, or background. A script can also control any background music used.

Broadcasting Events

An event is generated when the green flag is clicked on in Scratch. Thus, the instruction

is an instruction that "catches" the generated event.

Simultaneously Executing Scripts

A program may contain a number of (independent) scripts that all should beginning at the start of the program. In that can be same instruction.

Simultaneously Executing Scripts (cont.)

```
when clicked

say Welcome to My Program for 2 secs

ask What's your name? and wait

set name to answer
```

```
when clicked

repeat until jumpyJazz = Stop

set volume to 50 %

play sound JumpyJazz v until done
```

Starts program

Starts background music

Simultaneously Executing Scripts (cont.)

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