

# Hub

Block Group:	Logic
Icon:	

The hub block outputs the most recently updated value from multiple inputs.

An initial output of a [Script](#) block that is set to **autorun** is an initial value of the property and is not considered a change.

For information on using dataflow blocks, see [Dataflow](#).

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## Input/Output Property

The following property of the Hub block can take input and give output.

- input  $n$

**input  $n$**  sets and returns one of the values watched by this hub.

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## Output Properties

The following properties of the Hub block can give output but cannot take input.

- index (*number*)
- output

**index** returns the index of the most recently updated **input  $n$**  value. The index is the number in the input's property name, such as the number 2 for **input 2**.

**output** returns the value of the most recently updated **input  $n$**  property.

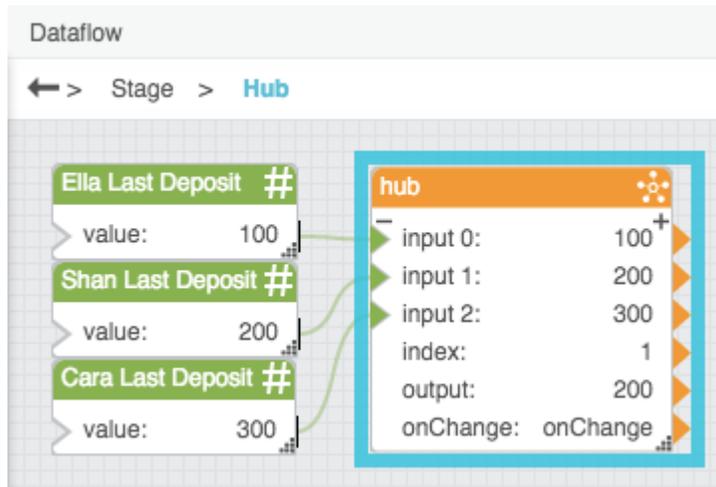
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## Remarks

- You can add more **input  $n$**  properties by clicking the plus sign, and delete them by clicking the minus sign. There is no limit to the number of inputs you can have.

## Example

The following image shows a Hub block. In this example, Ella deposited at 11:00 a.m., Cara at 1:00 p.m., and Shan at 2:00 p.m. **output** is the value of Shan's deposit. Because **input 1** is the most recently updated input, **index** is 1.



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