


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](#).

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.

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**.

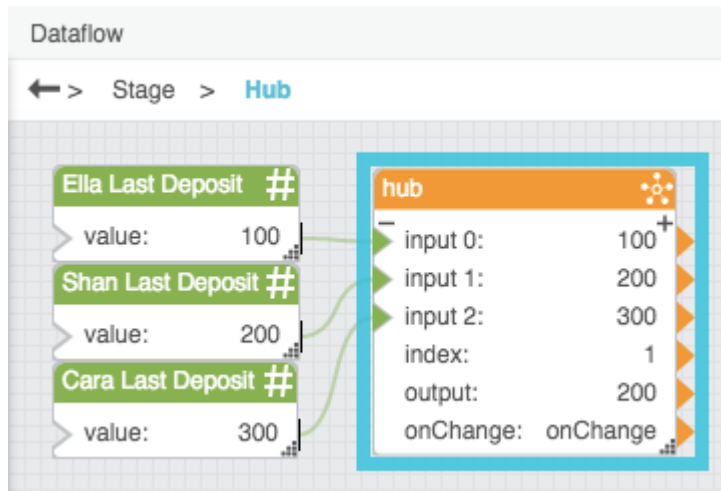
output returns the value of the most recently updated **input n** property.

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.



[Previous: Case](#)

[Next: Event Gate](#)

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