

Rhino3D Grasshopper: Retrieve Domain Value

Description

In Grasshopper you can retrieve a Domain's positive value with only 1 component.

New to Grasshopper? [I suggest you read this article in the first place.](#)

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Disclaimer

As you will see in my screenshots most components carry a title above them displaying their name. This is because I use a plugin called [Bifocals](#).

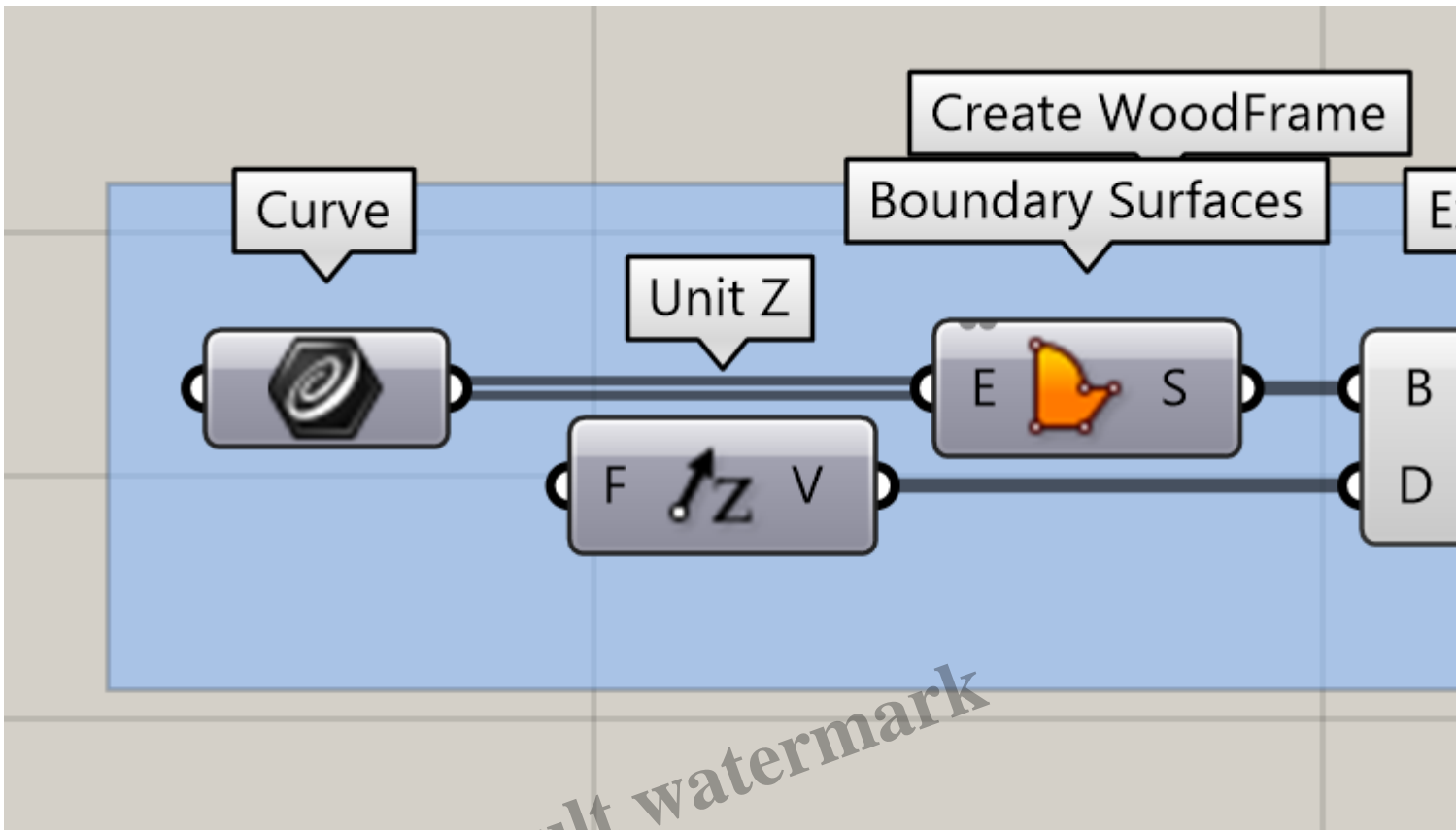
Also you'll see my Grasshopper tab titles abbreviated because there's not enough horizontal space. I will mention the titles in full in my script though.

As with everything Grasshopper, the technique I show you is no way my own discovery. This time, I got the idea from [Michael Pryor in the McNeel forum](#).

Let' start

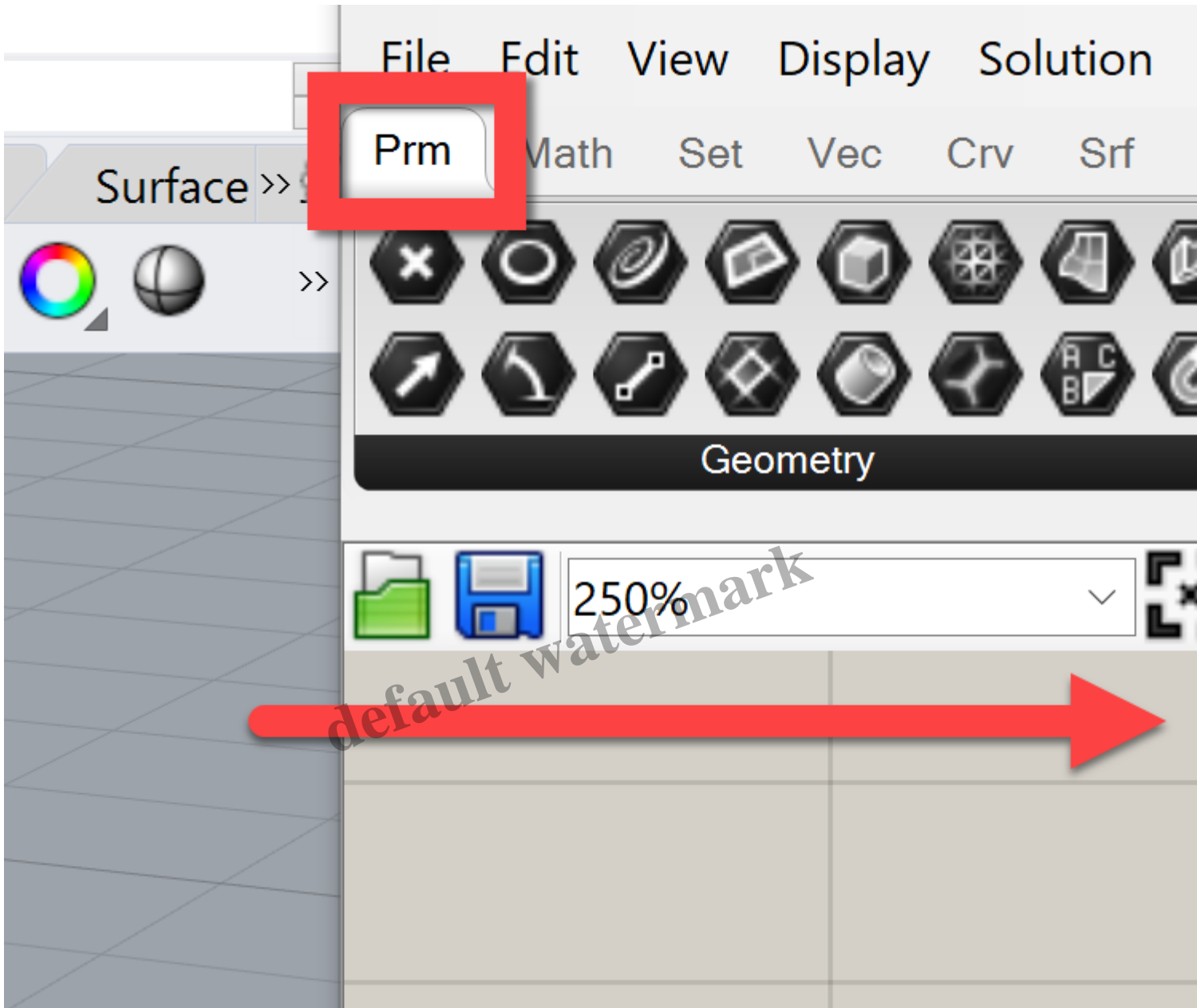
Just today, I faced another of those minor challenges in Grasshopper: How to retrieve a Domain's value?

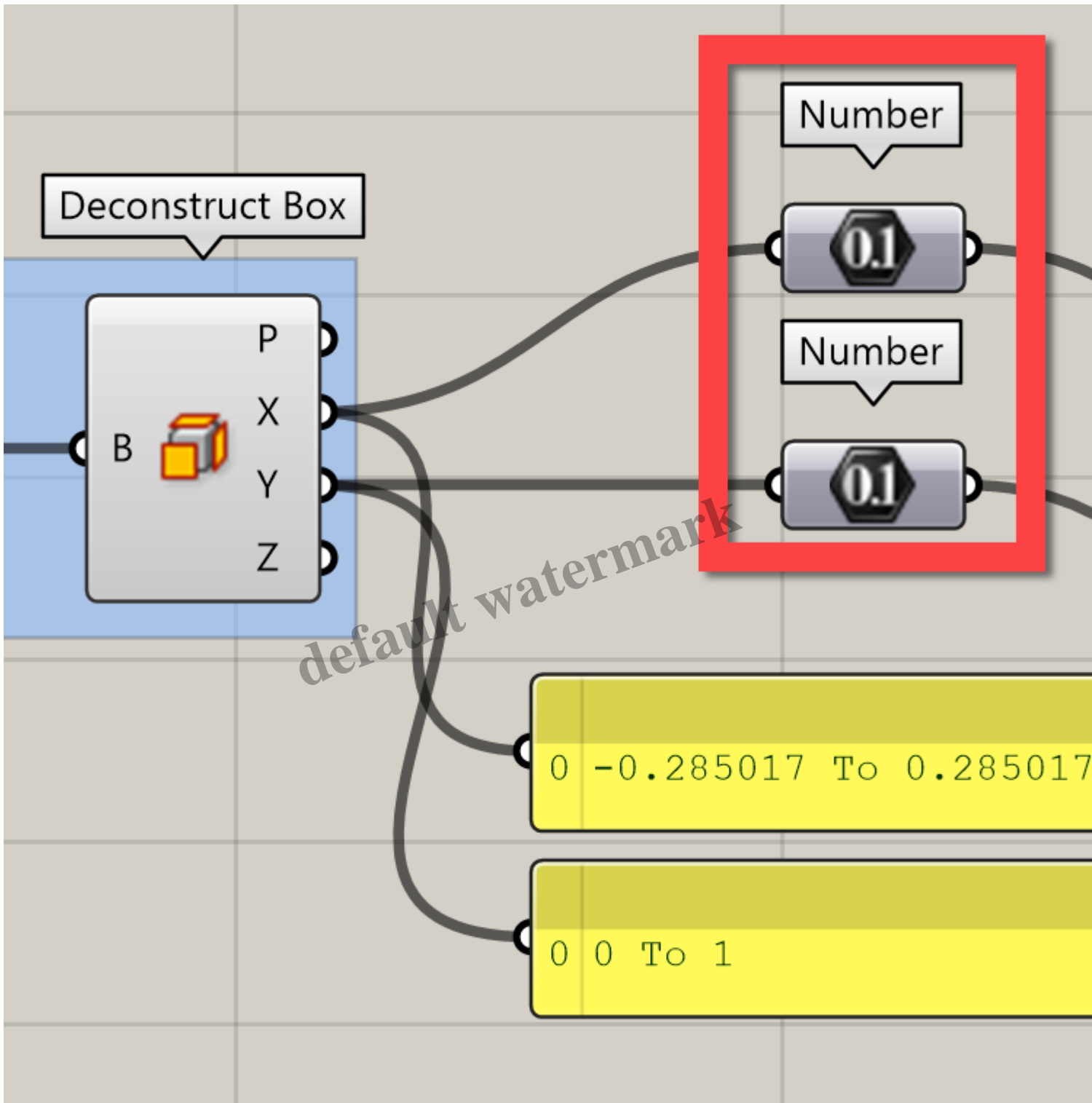
Let's assume you have something like this:



Some minor definition constructing a surface needs to be moved. You connect a *Deconstruct Box* to the surface output (in this case it's an *Extrude*). But then, *Deconstruct Box* only outputs *Domains* which your *Move* component won't take as an input.

The solution: Connect a *Number* component (*Param – Primitive*) to your domain outputs:





As you see: They supply you with a simple number value.

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Category

1. Rhino/Grasshopper

Tags

1. Domain
2. Value

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