



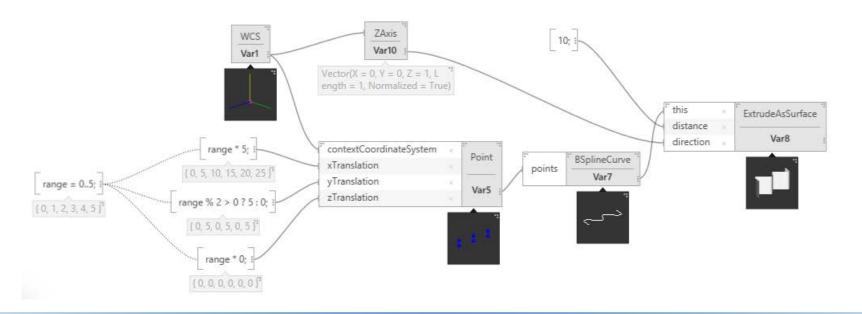


Improvement of Building Processes by the help of a Visual Programming Language

- Nowadays several building processes are executed manually and are therefore error-prone and cumbersome
- By the help of a Visual Programming Language non-programmers can formulate precise processes
- In recent years, several VPL frameworks (e.g. Grasshopper and Dynamo) have established

Project Characteristics

Modeling: ★★☆☆
Mathematics: ★☆☆☆
Programming: ★★★☆









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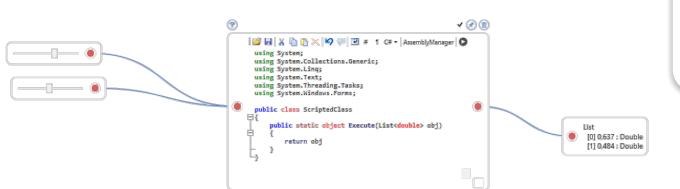




Improvement of Building Processes by the help of a Visual

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Programming: ★★★☆

Your task:

- Get familiar with the principles of a VPL and our academic, open-source TUM CMS VPL Framework (https://github.com/tumcms/TUM.CMS.VPLControl)
- Enhance the capabilities of the framework
- Build up an upload functionality, which enables the user to store building information in the bim+ online core
- Programming Language: C#, WPF