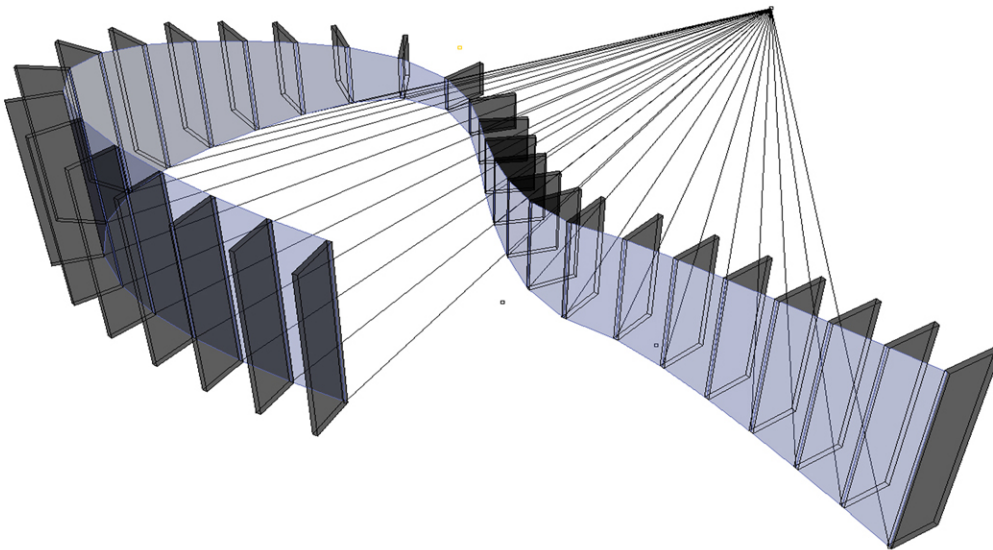
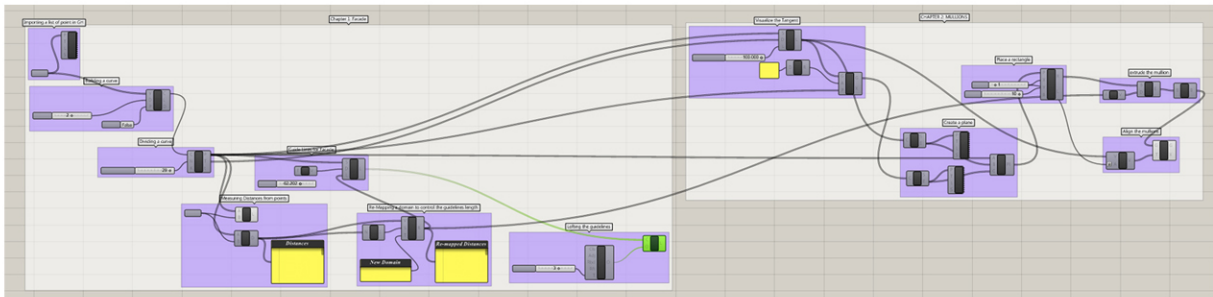
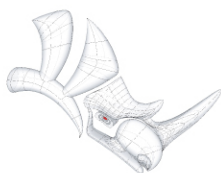


# SimplyRhino

sales, training and support



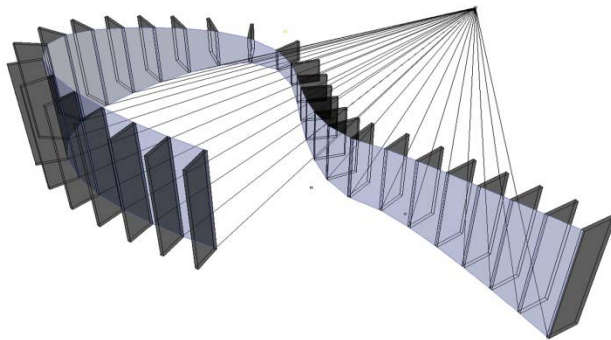
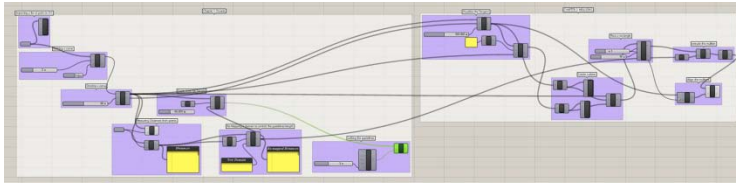
## Grasshopper Level 1 Outline & Objectives



**RhinoCeros**  
NURBS modeling for Windows

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## Simply Rhino Grasshopper Level One



### Outline and Objectives:

The course aims to provide a good understanding of the fundamentals and advantages of using parametric modelling with Grasshopper for Rhinoceros as well as to demonstrate several ways of applying it to your Architectural work.

No prior knowledge of Grasshopper and Rhinoceros is required.  
Annotated examples will be provided.

### Day 1:

- Understanding Grasshopper's interface and components
- Drawing a simple parametric façade (see image above)
- Linking the façade to external parameters
- Displaying information on the parametric model
- Extracting fabrication drawings from the model

### Day 2:

- Building a truss system on a free-form surface
- Creating a basic sun shading component on the truss
- Introduction to lists and data trees
- Dispatching information according to functions
- Using the Galapagos tool and shadows to create simple feedback loops
- Quick introduction to free plugins for Grasshopper