



# ***Pylon Smart Plane***

*formZ command plugin*

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# 1 Introduction

Have you ever been out in modeling space, the reference grid nowhere in sight, and not sure which reference plane you need to select? Even power users occasionally suffer from reference plane confusion. Rather than resorting to trial-and-error, or zooming out until you can see the grid (or worse, attempting to figure it out in your head), use Smart Plane.

## 2 Getting Started

### 2.1 Finding Smart Plane

The Smart Plane command can be found in formZ's **Extensions** menu.

### 2.2 Setting up a key shortcut for Smart Plane

It is possible to set up a key shortcut for Smart Plane. In formZ, select **Help > Menus...** In the resulting dialog, double-click on the item **Smart Plane** in the **Extensions** menu and create a new key shortcut.

## 3 Using the Help System

You can launch this manual from formZ by holding down the shift key and selecting *Smart Plane* from formZ's *Extensions* menu.

## 4 Using Smart Plane

Operating Smart Plane is simple: Select a segment, face, or object, then invoke the Smart Plane command via the Extensions menu or key shortcut. One of the three principal reference planes is selected, based on the topology selected:

### **Segment**

If a segment was selected, the reference plane most closely perpendicular to the segment will be made active.

### **Face**

If a face was selected, the reference plane most closely aligned with the face will be chosen.

### **Object**

If an object was selected, the reference plane most closely aligned with the broadest side of the object will be selected. For instance, if the object were a book, the reference plane most closely aligned to the cover would be made active.

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