

## Keyboard Control:

```
var boxWidth = 30;           // global variable

function addBox (width,height,depth) {
  var boxGeom = new THREE.BoxGeometry(width,height,depth);
  boxMesh = TW.createMesh(boxGeom);
  scene.add(boxMesh);
}

function expandBox() {      // callback function
  scene.remove(boxMesh);
  boxWidth = boxWidth + 2;
  addBox(boxWidth,40,60);
  TW.render();
}

// binding of callback function to a key
TW.setKeyboardCallback('+', expandBox, "wider box");
```

## GUI Control:

```
// global object variable with parameters to control
var sceneParams = { boxWidth: 20, boxHeight: 40, ... }

function addBox (width,height,depth) { ... } // as before

function redrawBox() {      // callback function
  scene.remove(boxMesh);
  addBox(sceneParams.boxWidth,sceneParams.boxHeight, ...);
  TW.render();
}

var gui = new dat.GUI();    // new dat.GUI object

// call add() and onChange() methods, with global object
// variable, parameter, range of values, callback function
gui.add(sceneParams,'boxWidth',10,30).onChange(redrawBox);
```