

final-pagination.js

The code used to generate the interior of this book is shown at right. Written and executed using Basil.js for Adobe InDesign.

On its website, Basil.js is described as "a library that brings scripting and automation into layout and makes computational and generative design possible from within InDesign. Additionally it also includes workflow improvements for data imports from various sources, indexing and complex document management."

```
#includepath "~/Documents/;%USERPROFILE%Documents";
#include "basiljs/bundle/basil.js";

function draw() {

    // load the data to be used in pagination
    var weeks = b.CSV.decode( b.loadString("Pagination.csv") );
    b.println("loaded "+weeks.length+" weeks of twitter data");

    // set units to points
    b.units(b.PT);
    // set typeface
    b.textFont("Founders Grotesk",["Semibold"]);
    b.textSize(8);

    // add pages for every week
    for( var i = 0; i < weeks.length/2; i++) {
//left page
b.fill(100,100,100,100);
    b.addPage();
    var range1 = weeks[2*i].RangeStart;
    var range2 = weeks[2*i].RangeEnd;
    var range = range1+"-"+range2;
    var week = weeks[2*i].Week;
    b.textAlign(Justification.LEFT_ALIGN);
    b.text(week, 48, 547, 72, 24);
    b.textAlign(Justification.RIGHT_ALIGN);
    b.text(range, 240, 547, 72, 24);
//dummytext
    for( var l = 0; l < 21; l++) {
b.noFill();
b.stroke(100,100,100,100);
b.strokeWeight(.25);
b.rect(47.875, 27.875+12*(2*l), b.random(248.125,264.25),8.25);
b.rect(47.875, 27.875+12*(2*l+1), b.random(248.125,264.25),8.25);

    }

//right page
    b.addPage();
    //bg
    b.fill(100,100,100,100);
    b.rect(0,0,b.width,b.height);

    //pagination
    b.fill(0,0,0,0);
    var range1 = weeks[2*i+1].RangeStart;
    var range2 = weeks[2*i+1].RangeEnd;
    var range = range1+"-"+range2;
    var week = weeks[2*i+1].Week;
    b.textAlign(Justification.LEFT_ALIGN);
    b.text(week, 48, 547, 72, 24);
    b.textAlign(Justification.RIGHT_ALIGN);
    b.text(range, 240, 547, 72, 24);
//dummytext
    for( var l = 0; l < 21; l++) {
b.noFill();
b.stroke(0,0,0,0);
b.strokeWeight(.25);
b.rect(47.875, 27.875+12*(2*l), b.random(248.125,264.25),8.25);
b.rect(47.875, 27.875+12*(2*l+1), b.random(248.125,264.25),8.25);

    }

    }

}

b.go();
```