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DART
Language and libraries
Tools
VM
Compiler to JavaScript
#dartlang

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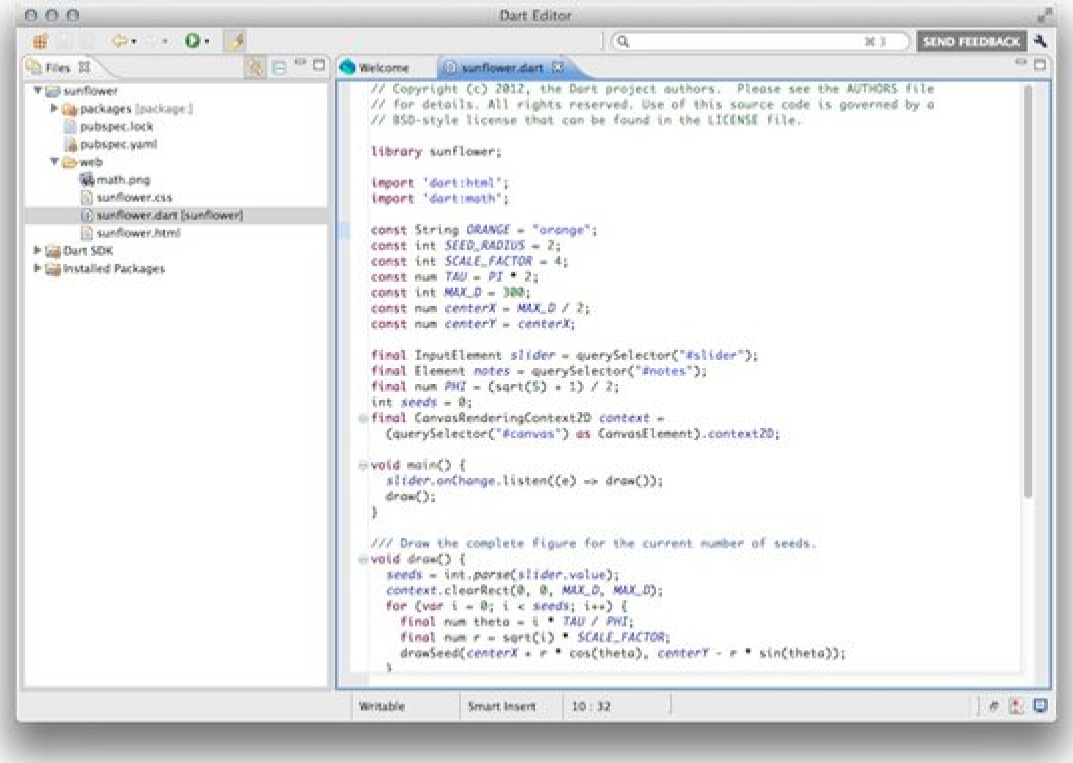
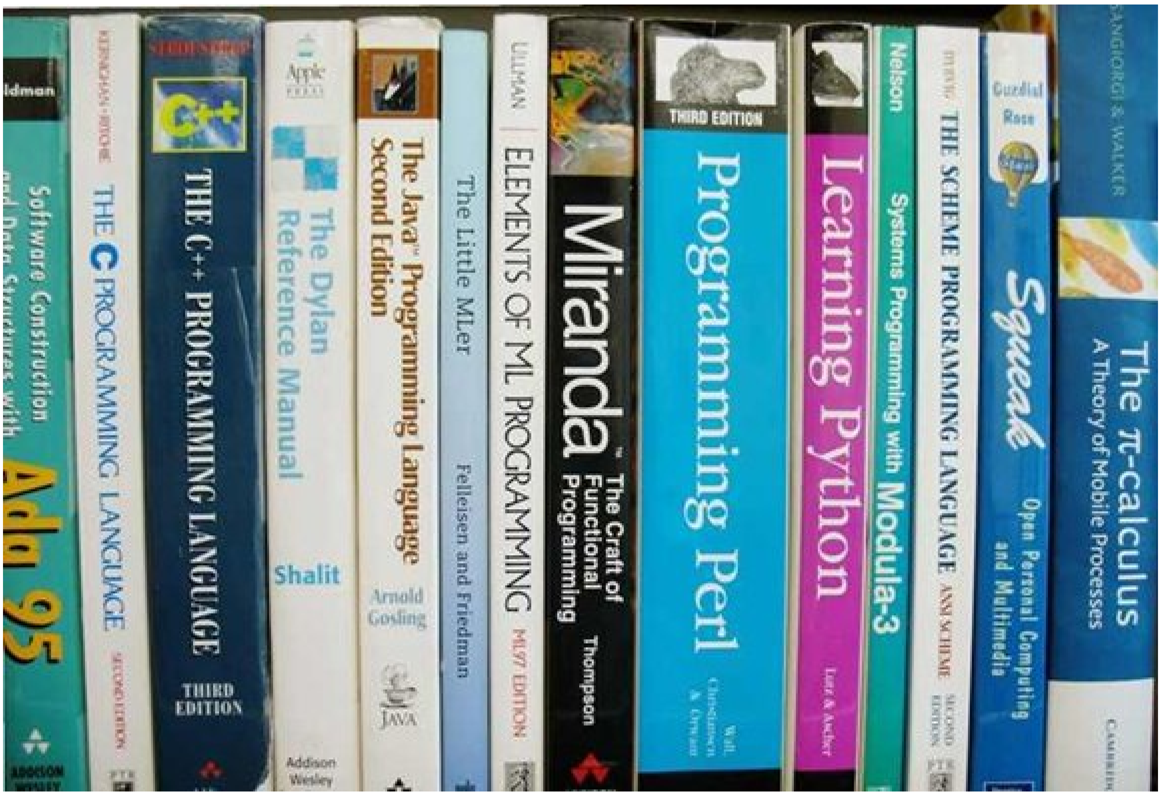


```
// Copyright (c) 2012, the Dart project authors.  Please see the AUTHORS file
// for details. All rights reserved. Use of this source code is governed by a
// BSD-style license that can be found in the LICENSE file.

library sunflower;

import 'dart:html';
import 'dart:math';

const String ORANGE = "orange";
const int SEED_RADIUS = 2;
const int SCALE_FACTOR = 4;
const num TAU = PI * 2;
const int MAX_D = 300;
const num centerX = MAX_D / 2;
const num centerY = centerX;

final InputElement slider = querySelector("#slider");
final Element notes = querySelector("#notes");
final num PHI = (sqrt(5) + 1) / 2;
int seeds = 0;
final CanvasRenderingContext2D context =
  (querySelector("#canvas") as CanvasElement).context2D;

void main() {
  slider.onChange.listen((e) => draw());
  draw();
}

/// Draw the complete figure for the current number of seeds.
void draw() {
  seeds = int.parse(slider.value);
  context.clearRect(0, 0, MAX_D, MAX_D);
  for (var i = 0; i < seeds; i++) {
    final num theta = i * TAU / PHI;
    final num r = sqrt(i) * SCALE_FACTOR;
    drawSeed(centerX + r * cos(theta), centerY - r * sin(theta));
  }
```

[illegible] Adwords [illegible] AdSense [illegible].

[illegible]. [illegible] CoffeeScript [illegible].


Ada 95
Software Construction and Data Structures with
THE C PROGRAMMING LANGUAGE
THE C++ PROGRAMMING LANGUAGE
THIRD EDITION
The Dylan Reference Manual
Shalit
Apple
The Java Programming Language Second Edition
Arnold Gosling
The Little MLer
Felleisen and Friedman
ELEMENTS OF ML PROGRAMMING
ULLMAN
Miranda The Craft of Functional Programming
Thompson
THIRD EDITION
Programming Perl
Learning Python
Systems Programming with Modula-3
Nelson
THE SCHEME PROGRAMMING LANGUAGE
Squeak Open Personal Computing and Multimedia
Guzdial Rose
The π-calculus A Theory of Mobile Processes
SANGIORGI & WALKER

[illegible] AngularDart [illegible]

AngulartDart [illegible]. [illegible] HackerMoon [illegible].

[illegible]

[illegible] async/await [illegible] Static Typing [illegible] SIMD [illegible] Strong Mode [illegible] Static Type [illegible] **Aqueduct** [illegible] HTTP [illegible] **OAuth 2.0** ORM [illegible] Dart [illegible] VM [illegible].

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Aqueduct [illegible] - [illegible]

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