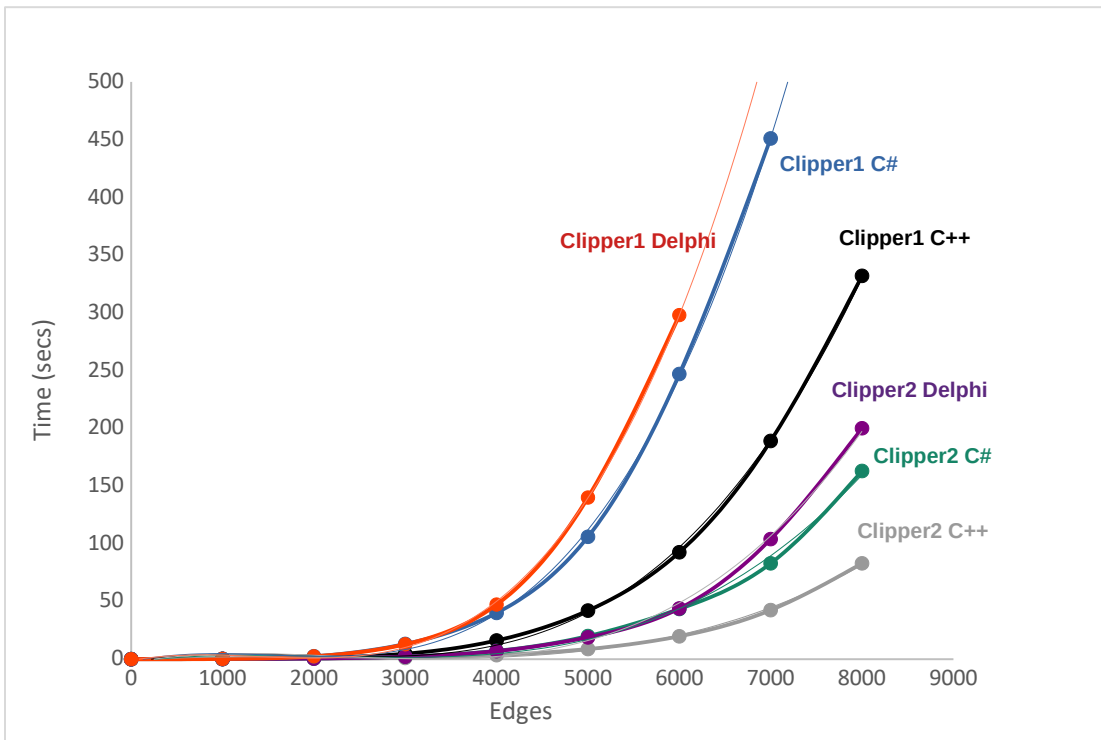# Clipper1 vs Clipper2 Performance

Intersecting 2 random complex polygons using Non-Zero fill, inside a region of width 800 & height 600
Bencmark tests performed on PC with Intel i7 Quad core CPU, 16GB RAM using 64bit compilers
The edge count (horizontal axis) is the no. edges for each polygon.

	Clipper1 Delphi	Clipper1 C#	Clipper1 C++	Clipper2 Delphi	Clipper2 C#	Clipper2 C++
0	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.23	0.33	0.19	0.13	0.12	0.12
2000	2.45	2.50	1.17	0.57	0.62	0.40
3000	12.90	13.20	4.70	2.18	2.30	1.10
4000	47.30	40.10	16.20	7.00	7.20	3.50
5000	140.00	106.00	42.10	18.90	20.00	8.80
6000	298.00	247.00	92.60	43.90	43.50	19.80
7000		451.00	189.00	104.00	83.00	42.50
8000			332.00	200.00	163.00	83.00
$O(n^3)$	3.1E-09	2.8E-09	1.4E-09	9.3E-10	5.4E-10	3.4E-10