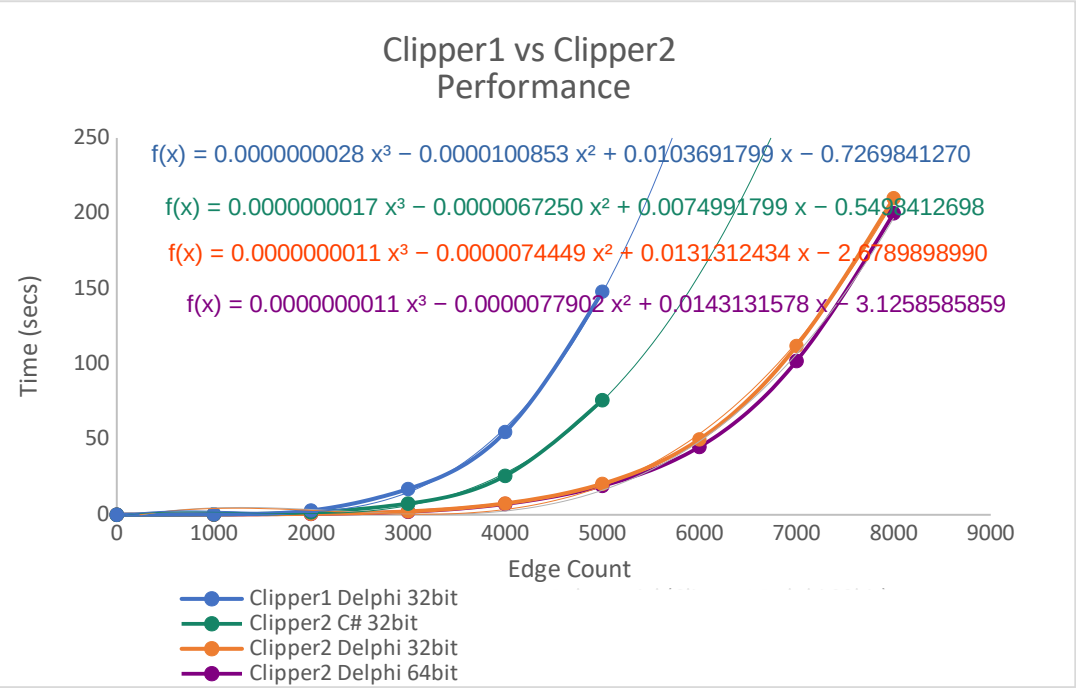# Clipper Performance

Intersecting 2 random complex polygons (using Non-Zero fill):
Bounding width=800 & height=600 using Intel i7 Quad core CPU
The edge count (horizontal axis) is the no. edges for each polygon.

Clipper1 vs Clipper2 Performance

$f(x) = 0.0000000028\ x^3 - 0.0000100853\ x^2 + 0.0103691799\ x - 0.7269841270$

$f(x) = 0.0000000017\ x^3 - 0.0000067250\ x^2 + 0.0074991799\ x - 0.5493412698$

$f(x) = 0.0000000011\ x^3 - 0.0000074449\ x^2 + 0.0131312434\ x - 2.6789898990$

$f(x) = 0.0000000011\ x^3 - 0.0000077902\ x^2 + 0.0143131578\ x - 3.1258585859$

- Clipper1 Delphi 32bit
- Clipper2 C# 32bit
- Clipper2 Delphi 32bit
- Clipper2 Delphi 64bit

Edge Count	Clipper1 Delphi 32bit	Clipper2 Delphi 32bit	Clipper2 Delphi 64bit	Clipper2 C# 32bit
0	0.00	0.00	0.00	0.00
1000	0.30	0.14	0.13	0.27
2000	2.85	0.62	0.6	1.7
3000	17.1	2.2	2	7.4
4000	54.9	7.50	7.10	25.80
5000	148	20.5	19.2	76.0
6000		50.0	45.0	
7000		112	102	
8000		210	200	