Subject: ScatterDraw/ScatterCtrl new features
Posted by koldo on Sat, 04 May 2013 00:19:24 GMT
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Hello all

ScatterDraw/ScatterCtrl classes have some new features:

- Trend lines
They can be handled outside Scatter classes by using ExplicitEquation class. This class can fit your data to any equation supplied.

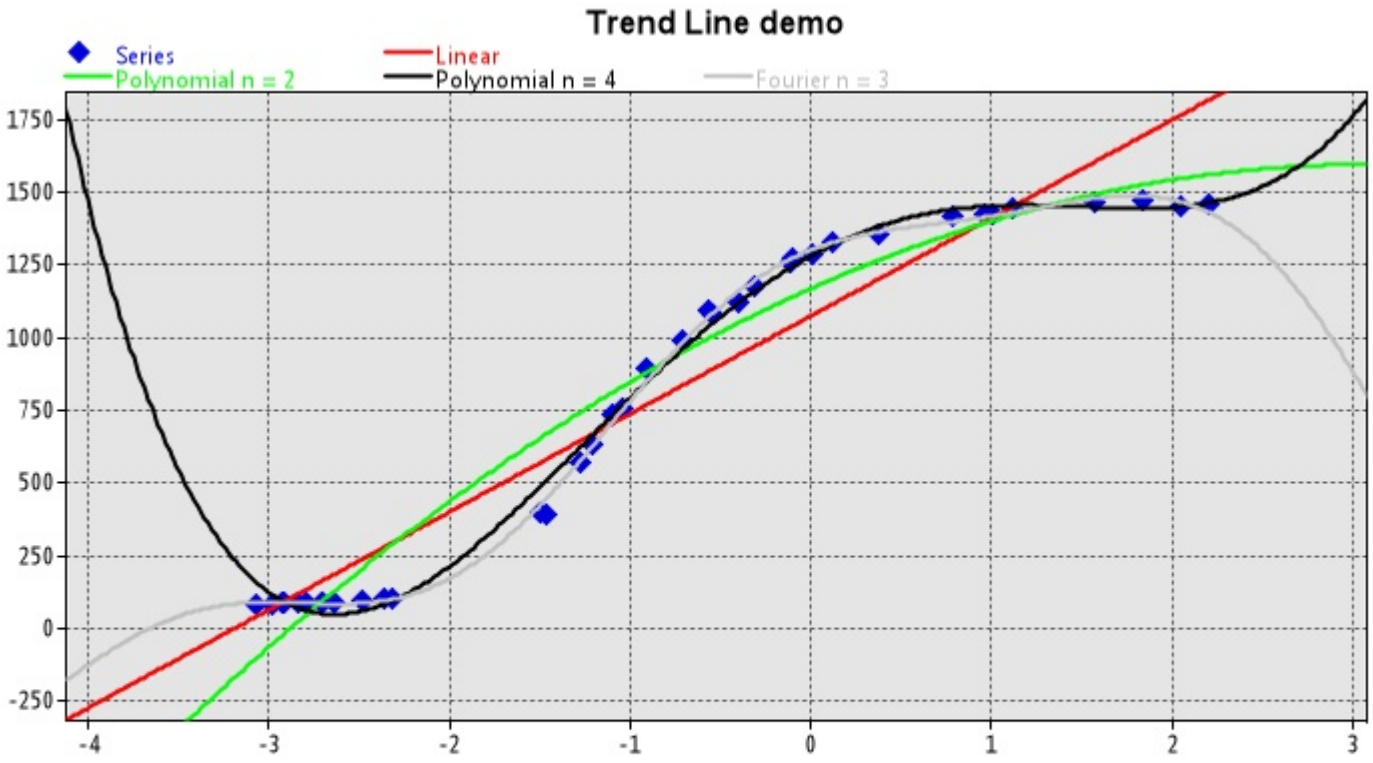
It is incredibly simple to use

- Properties window
Scatter properties window is activated by clicking right mouse button and choosing "Properties". It lets you change some properties and copy selected plot data to clipboard. It is activated by default in DEBUG mode or by ShowPropertiesDlg().

- PieChart
Andrei Catalin pie chart from Bazaar/Scatter has been moved here with some changes. It is experimental pending to be implemented in Painter.

File Attachments

1) trend.jpg, downloaded 1534 times



Trend Lines Details:

Type	Equation	R2
Linear	1073.772 + 336.678*x	0.92101
Polynomial n = 2	1167.807 + 276.449*x - 44.753*x^2	0.95753
Polynomial n = 4	1279.046 + 337.502*x - 172.135*x^2 - 7.24*x^3 + 14.967*x^4	0.99529
Fourier n = 3	597.1 + 732.436*cos(1*0.664*x) + 501.302*sin(1*0.664*x) - 134.142*cos(2*0.664	0.99891