

1. select 1000px / 1000 px rectangle in background
2. click Extensions/Render/Parametric Curves...
3. paste these settings in the extension's spinboxes:

Start t-value:	0,0
End t-value:	2,0
Multiply t-range by 2*pi	-none-
X-value of rectangle's left:	0,0
X-value of rectangle's right:	1000,0
Y-value of rectangle's bottom:	0,0
Y-value of rectangle's top:	1000,0
Samples:	65
Isotropic scaling	-enable-
X-Function:	$\cos(t*2*\pi)*1000*\text{pow}(((\text{pow}(5,0.5)-1)/8),t)$
Y-Function:	$\sin(t*2*\pi)*1000*\text{pow}(((\text{pow}(5,0.5)-1)/8),t)$
4. run extension and enjoy your plotted "golden spiral"