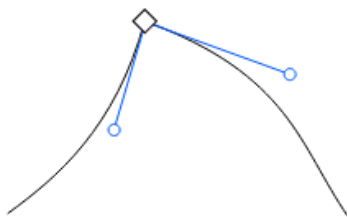


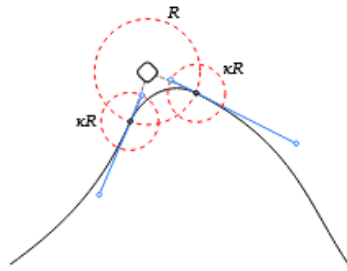
Fillet And Chamfer (Replaced by LPE)

This extension is similar to the built-in Live Path Effect "**Corners (Fillet/Chamfer)**" of Inkccape and similar to [Round Corners \(Replaced by LPE\)](#) but it's great advantage is the possibility to quickly chamfer complete paths. This extension requires python library *svgpathtools*.

Method description



Ordinary corner point

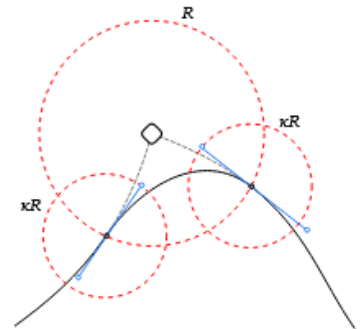


Rounded corner point

The path is cut at the given radius, and a new segment is inserted. The magnitude of the tangents on the rounded corner point side is the constant $\kappa = (4/3) * (\sqrt{2} - 1)$ times the radius set for the rounded corner point.

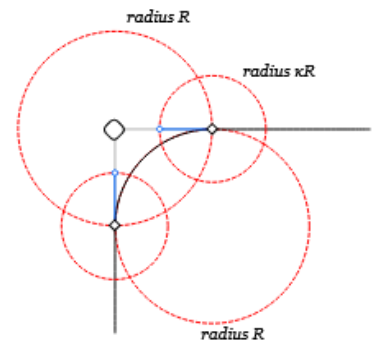
This constant is the constant multiple of the radius used in setting the tangent lengths of circles, so that as close to a circular arc as possible is constructed in the case where the corner is square.

There may be a better choice dependent on the angle at which the tangents at the corner meet, but my experiments have shown this one to be visually pleasing at least in a fair variety of cases.



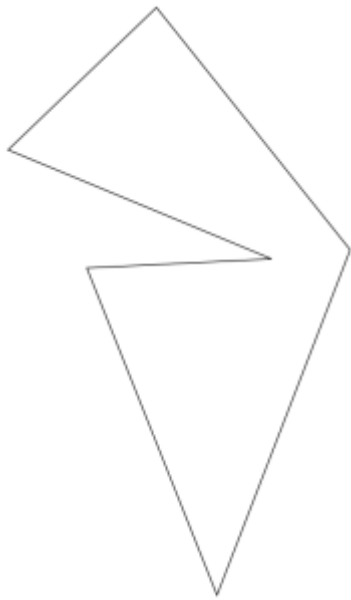
Rounded corner point

Here, the radius has been increased, and the automatic tangents adjusted.




Source of image: <http://launchpadlibrarian.net/12692602/rcp.svg>

Draw some path



Run the extension and get the result

 Fillet And Chamfer ×

Fillet or Chamfer: Chamfer ▼

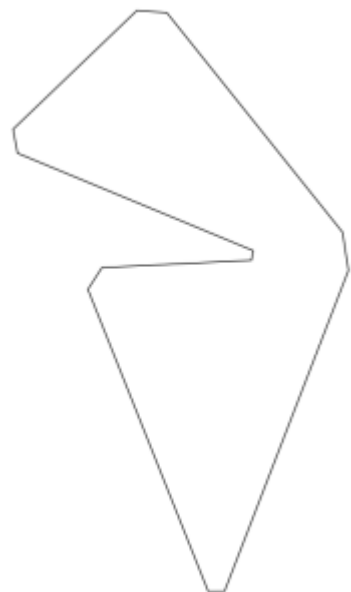
Radius: 5,0 ▲ ▼

Unit mm ▼

☒ Remove control object

☐ Live preview

Close Apply



Version #2

Erstellt: 24 Mai 2025 20:06:25 von Mario Voigt

Zuletzt aktualisiert: 30 Mai 2025 14:54:38 von Mario Voigt