

# Triangulation

Example config:

This transformation is a spatial interpolation type. In the config there are options available that are commonly needed for other spatial interpolation transformations, but not for triangulation.

Interpolation option is always Renka-Klein, regardless of what is in the config.

Minimum value can be configured. If it is used the output value will never be lower than the minimum value.

Extrapolation type can be configured.

number of points determines how "smooth" the triangular grid is that is created for the interpolation.

coordinate scaling factor is always 1, regardless what is configured.

CoordinateSystem is always 2.

The following config options are ignored by the transformation:

coordinateFile  
inversDistancePower  
searchCriteria  
searchRadius  
distanceParameters  
regressionElevation  
variogram  
valueOption

```
<interpolationSpatial>
  <triangulation>
    <inputVariable>
      <variableId>input</variableId>
    </inputVariable>
    <interpolationType>seriesfilling</interpolationType>
    <minimumValue>0</minimumValue>
    <numberOfPoints>8</numberOfPoints>
    <extrapolationOption>nearest disabled</extrapolationOption>
    <coordinateScalingFactor>1</coordinateScalingFactor>
    <outputVariable>
      <variableId>output</variableId>
    </outputVariable>
  </triangulation>
</interpolationSpatial>
```