Generate Contours

# Generates clean contours, especially in areas with low relief. Smooths the raster with focal statistics first.

## Tool Parameters

* DEM: (type: Raster Layer) <-- Required. Input DEM
* Output Contours: (type: Feature Class) --> Required. Output Contours
* Contour Interval: (type: Long) <-- Optional. Contour interval, default is 2ft
* Z-Factor: (type: Double) <-- Optional. Option to apply a Z-factor, use 3.28084 if the DEM Z values are in meters, use 1 if already in feet. Default is 3.28084
* Contour Index Interval: (type: Long) <-- Optional. In the 'CONTOUR\_TY' field, contours divisible by this value will recieve a value of 'INDEX', while all others will be 'INTERMEDIATE'. This is helpful for displaying contours at evey 10 ft differently than all the others. Default is 10.

