Release Notes for Taper Maker

Version 1.5.4 released on 2018-04-16

   1. Compatible with SU 2018

Version 1.5.3 released on 2017-03-27

   2. Compatible with SU 2017

Version 1.5.2a released on 2016-05-21

   1. Changes:
         a. The mechanism used to draw Boundary Tapers was further
            refined.

Version 1.5.2 released on 2016-04-05

   1. Changes:
         a. The mechanism used to draw Boundary Tapers was
            speeded up.

Version 1.5.1 released on 2015-05-28

   1. Changes:
         a. Numerous code changes have been made to comply with
            Trimble requirements for the Extension Warehouse.
            Virtually all of these are behind the scenes and do not
            directly affect usability.
         b. Undo and Redo work. Taper drawing can be undone/
            redone. The name you give to a taper group appears next
            to Undo (Redo) in the edit menu.
         c. The mechanism used to draw Boundary Tapers was
            rewritten. It is smarter, but slower.

Version 1.4 released on 2014-03-20

1. Changes:
    a. The plugins are distributed independently of each other and are installed separately. This makes them conform to the new guidelines Trimble has established.
    b. The updated plugins are compatible with SketchUp 2014 and also compatible with SketchUp 8
    c. The following files in the SketchUp plugins folder for any earlier version of the plugins MUST be deleted before installing the new version:
        i. ctsMaker (a folder - delete the folder including all of its contents)
        ii. curve_maker.rb
        iii. taper_maker.rb
        iv. stock_maker.rb

Version 1.3.5 released on 2012-04-30

1. Bug Fixes:
    a. Two new taper (extrusion) cross sections were added: right trapezoid and quadrilateral. To create tapers using these cross sections, you must select two paths (rather than just one). The base of the cross section will follow between the selected paths, and the width of the base will vary with the distance between the paths. A demonstration video is available at: http://youtu.be/4Erlpw22F7o

Version 1.3.4 released on 2011-11-15

1. Bug Fixes:
    a. The length of the taper was not computed correctly when the cross section of the taper changed significantly over a short length and the path position was not 'center'.

Version 1.2.2 released on 2011-03-06

1. Bug fixes:
    a. Some error messages and status text did not display translated text.

Version 1.2.1 released on 2011-01-11

1. Additions
    a. Simplified Chinese translation is included.

Version 1.2 released on 2010-12-14

1. Bug fixes:
    a. Path position was incorrectly determined in some situations.

2. Changes:
    a. Some changes for compatibility with SketchUp 8.

3. Additions:
    a. Spanish and French translations are now included.

    b. For cross-sections other than Round, the path position may now be "lower left", "lower right", "upper left" or "upper right".

Version 1.1 released on 2009-06-19

1. Bug fixes:
    a. In some situations, Taper Maker did not ascertain that points on a center line lay in a plane.
    b. In some cases, the cross-sectional face of a taper was not maintained perpendicular to the center line resulting in "wonky" tapers.

2. Changes:
    a. Minor speed enhancement in drawing tapers.

    b. Taper groups are assigned a default name of "[taper type]".

3. Other:
    a. Documentation is now officially out of date and will not be updated.

Version 1.03 released on 2008-08-17

1. Bug fixes:
    a. Prohibit actions on hidden tapers such as stock assignment, display, etc.

    b. Do not include edges in a taper path that are hidden or on a layer that is not visible.

Version 1.02 released on 2008-07-07

1. Bug fixes:
    a. Further refinements to handle floating-point values correctly for international locales on both input and output. This problem appeared to be Windows specific, but the fix should be a more robust solution for both Windows and Mac.

2. Changes:
    a. Added "Bevel Angle" to the attributes listed for a single taper.

    b. Example data input values are consistent with units settings.

Version 1.01 released on 2008-07-03

1. Bug fixes:
    a. Handle floating-point values correctly for "fr", "es", "de" and "it" locales on both input and output. This problem had blocked drawing most tapers.

    b. Users were prompted to save data files when no values had changed.

Version 1.0 released on 2008-06-12

1. Bug fixes:

a. The default value for rectangular stock dimensions did not include an 'x'.

b. Rectangular section stock would not display data.

c. Data for a taper or stock embedded in a group or a component would not be displayed in some cases.

d. Taper volume was calculated incorrectly in some cases. It could have been overstated or understated. Stock requirement based on incorrect volume would have been incorrect also.

e. Numeric imprecision sometimes meant stock was judged insufficient for a taper when it was sufficient.

2. Changes:
   a. Color coded "from" and "to" ends of the taper when asking if they are at the correct ends and on the correct side.

   b. Improved taper drawing when path is not a line or on a plane.

   c. Improved the clarity and consistency of status line text.

   d. Improved stock accumulation and taper reporting by removing the assumption that tapers with the same name have the same properties.

   e. Example dimensions are consistent with model units settings.

   f. Improved format of from and to dimensions on taper report.

   g. Taper weight, stock weight and stock cost values are displayed consistent with model precision settings.