Patch file format

Text file which contains the description of a set of Bezier patches. The first line contains the number of patches. The following lines, one for each patch, contain the indices of the control points (16 for each patch). The next line contains the number of control points, and afterwards the control points themselves, one per line.

Example:

indices for the first patch
↓

2 <- number of patches

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

3, 16, 17, 18, 7, 19, 20, 21, 11, 22, 23, 24, 15, 25, 26, 27

↑
indices for the second patch

28 <- number of control points

1.4, 0, 2.4 <- control point 0

1.4, −0.784, 2.4 <- control point 1

0.784, −1.4, 2.4 <- control point 2

0, −1.4, 2.4

1.3375, 0, 2.53125

1.3375, −0.749, 2.53125

0.749, −1.3375, 2.53125

0, −1.3375, 2.53125

1.4375, 0, 2.53125

1.4375, −0.805, 2.53125

0.805, −1.4375, 2.53125

0, −1.4375, 2.53125

1.5, 0, 2.4

1.5, −0.84, 2.4

0.84, −1.5, 2.4

0, −1.5, 2.4

−0.784, −1.4, 2.4

−1.4, −0.784, 2.4

−1.4, 0, 2.4

−0.749, −1.3375, 2.53125

−1.3375, −0.749, 2.53125

−1.3375, 0, 2.53125

−0.805, −1.4375, 2.53125

−1.4375, −0.805, 2.53125

−1.4375, 0, 2.53125

−0.84, −1.5, 2.4 <- control point 26

−1.5, −0.84, 2.4 <- control point 27