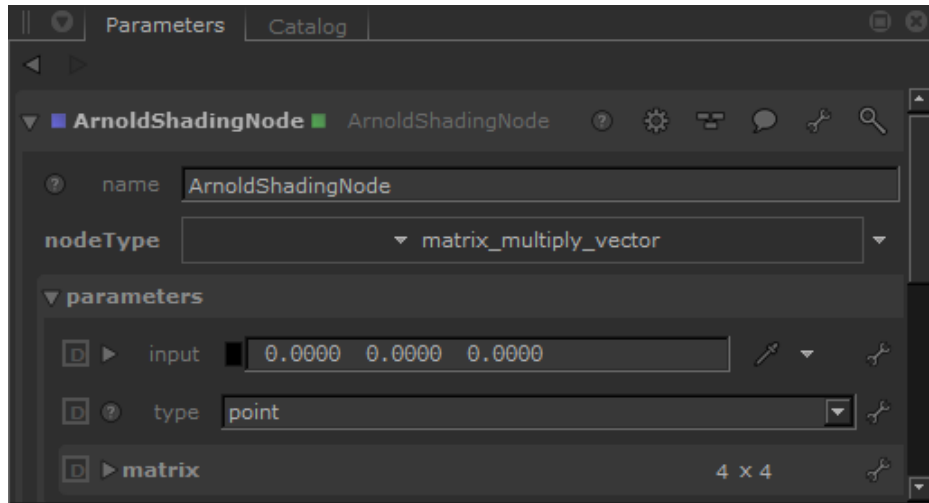


Matrix Multiply Vector



Multiply a vector by a matrix, produced by matrix_transform for example.

Input

The vector to transform.

Type

Specify a vector type (point, vector or normal). For the vector and normal type, the translation component is ignored. For the normal type the inverse transpose matrix is used to avoid stretching the normals.

Matrix

The transformation matrix.