

**NAME**

FcMatrixRotate – Rotate a matrix

**SYNOPSIS**

```
#include <fontconfig/fontconfig.h>
```

```
void FcMatrixRotate (FcMatrix *matrix, double cos, double sin);
```

**DESCRIPTION**

**FcMatrixRotate** rotates *matrix* by the angle whose sine is *sin* and cosine is *cos*. This is done by multiplying by the matrix:

$$\begin{pmatrix} \cos & -\sin \\ \sin & \cos \end{pmatrix}$$