

```
Eigen::internal::matrix  
_exp_computeUV< MatrixType,  
double >::run
```

```
Eigen::internal::matrix  
_exp_computeUV< MatrixType,  
float >::run
```

```
Eigen::internal::matrix  
_exp_computeUV< MatrixType,  
long double >::run
```

```
Eigen::internal::matrix  
_exp_pade7
```

```
graph LR; A["Eigen::internal::matrix_exp_computeUV< MatrixType, double >::run"] --> D["Eigen::internal::matrix_exp_pade7"]; B["Eigen::internal::matrix_exp_computeUV< MatrixType, float >::run"] --> D; C["Eigen::internal::matrix_exp_computeUV< MatrixType, long double >::run"] --> D;
```

The diagram illustrates a specialization or inheritance relationship. Three source functions, each for a different floating-point type (double, float, and long double), are shown on the left. Blue arrows point from each of these source functions to a single target function on the right, which is shaded gray. The target function is a Pade approximation of the matrix exponential, specifically a [7/7] Pade approximant.