```
/*
 * $Id: fftconv.h,v 1.1 2005/07/12 07:42:10 cperciva Exp $
 */
```

The function *tricl_fftconv_scale*(DAT, n) multiplies the 2^n complex values (2^{n+1} doubles) stored in DAT by 2^{-n}.

```
void tricl_fftconv_scale(double *, int);
```

The function *tricl_fftconv_mulpw*($DAT1$, $DAT2$, n) computes the product of 2^n pairs of complex values from $DAT1$ and $DAT2$ and writes the resulting values into $DAT1$.

```
void tricl_fftconv_mulpw(double * __restrict, double * __restrict, int);
```

The function *tricl_fft_sqrpw*(DAT, n) squares 2^n complex values from DAT and writes the resulting values into DAT.

```
void tricl_fftconv_sqrpw(double *, int);
```

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