

```
1 module polynomial_fit
2
3   use quality_parameters
4   implicit none
5
6   type                               :: surface_fit
7
8     ! amplitudes describing the Helios surface
9     real ( wp )                      :: amplitudes ( 1 : t ) = zero
10    real ( wp )                      :: errors      ( 1 : t ) = zero
11
12    type ( surface_fit_quality ) :: sf_quality
13
14  end type                               surface_fit
15
16 end module polynomial_fit
```