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## PHA keywords

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The PHA file standard includes several keywords that are used to store information about the instrument response associated with the spectrum. If these keywords are defined then the fitting engine - such as Sherpa, ISIS, or X-Spec - will automatically load in the response files for you.

The relevant keywords are:

### Keyword

### Description

ANCRFILE Used to store the name of the ARF for the source.

BACKFILE Used to store the name of the PHA file containing the background for the source.

RESPFILE Used to store the name of the RMF for the source.

These keywords are set for you if you use a CIAO script, such as specextract, but can also be set manually by using the dmhedit tool or the header-editing capabilities of prism. They can also be listed by:

```
unix% dmlist src.pi header | grep FILE
0100 BACKFILE          bgnd.pi             String
0101 CORRFILE          none                String
0102 RESPFILE          src.rmf             String
0103 ANCRFILE          src.arf             String
```

or

```
unix% dmkeypar src.pi ancrfile echo+
src.arf
```

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URL:  
<http://cxc.harvard.edu/ciao3.4/dictionary/phakeys.html>  
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## Dictionary Entry - CIAO 3.4