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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:

<b>Keyword</b>	<b>Description</b>
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ANCRFILE	Used to store the name of the <u>ARF</u> for the source.
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BACKFILE	Used to store the name of the <u>PHA</u> file containing the background for the source.
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RESPFILE	Used to store the name of the <u>RMF</u> for the source.
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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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