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## Downloading CIAO 3.4

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**NEW** (8 Sep 2008) **CALDB has been patched to v3.5.0.**

*Latest CIAO Update: 29 January 2007 (OS X platforms only)*

*CIAO 3.4 is available for:*

- **Solaris 2.8**
- **Redhat Linux 6.2**  
Compatible with Redhat 7.x and SuSE 7.x.
- **Redhat Linux 8**  
Recommended for newer versions of Linux, e.g. Fedora Core.
- **Mac OS X PowerPC**  
Compatible with 10.2.8 (Jaguar), 10.3 (Panther) and 10.4 (Tiger).
- **Mac OS X Intel**  
Compatible with 10.4 (Tiger).

The [Platform Support page](#) has more information on the officially supported CIAO platforms.

To use CIAO you also need to have the Calibration Database (CALDB) installed on your system:

- **CALDB 3.5.0** (*latest update: 08 September 2008*)

CALDB 3.3.0 or higher is required for the proper operation of CIAO 3.4. Likewise, do not update to CALDB 3.5.0 unless you are using CIAO 3.4.

Some tool changes and calibration released in CIAO 3.4 and CALDB 3.3.0 affect analyses in progress, i.e. certain processing steps should be run again for greater accuracy. The [the How CIAO 3.4 and CALDB 3.3.0 Affect Your Analysis](#) section of the CIAO 3.4 release notes describes those changes.

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## Browser Issues

There are known problems with the CIAO download pages in Internet Explorer on the Mac OS X platform. We recommend that you choose an alternate browser – such as Safari (distributed with Mac OS X) or [Mozilla Firefox](#) – to avoid download problems.

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## What You Need to Download

### Required files

To install CIAO 3.4 you need the following packages – available from the platform-specific download pages, on the [European Mirror Site](#), or on *CD* via the [Helpdesk](#) – for your machine:

## Downloading CIAO – CIAO 3.4

- Binaries: named `cxc_bin_<OS name>.tar.gz`
- Auxiliary: named `cxc_aux.tar.gz`
- CALDB
- Contributed science scripts

The [Installing CIAO 3.4 thread](#) explains in detail how to install each of these software components.

### Optional files

There are two optional packages – the source code and the OTS (Off The Shelf) collection of external programs/libraries used by CIAO – that can be installed. These are only *needed* if you wish to re-compile CIAO yourself.

Users doing spectral analysis (e.g. line identification) may also be interested in installing the [Atomic Database \(ATOMDB\)](#). The [ATOMDB Download page](#) has information on this package.

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URL:  
<http://cxc.harvard.edu/ciao3.4/download/index.html>  
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