

# **Summary of past 12 months**

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- Major additions.
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- ADAS visits.
- `adas.ac.uk`
- Next release.

## Major code additions since last year

- Addition of C headers for Fortran routines.
- Addition of C++ libraries (object-based interface).
- Scritable filter generation program (`run_adas414`)
- Added `cfg2occ` routine.
- Added cache facilities to `read_adf00`.
- Addition of AFG and ADAS605.
- Plus many more smaller things.

## Major data additions since last year

- F-like ADF04 files.
- Mg-like ADF09/ADF27/ADF28/ADF48 files.
- Update to ionisation potentials medium to high Z ions
- Added Ca-like Fe ADF04 file.
- Added Ne-like Fe ADF04 file.
- Plus many more smaller things.

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## Bug reporting

- Discussions last year in the grumbles section included the suggestion we should have more formal bug tracking.
- System was put in place shortly after. Used internally by ADAS developers.
- Also contains the possibility for online submission of bugs by users.
- We are not forcing the use of this but e-mails you send to us are now typically cutting and pasting your e-mails into the bug tracking system.

**Please feel free to try it...**

# ADAS

Atomic Data and Analysis Structure

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### ADAS Bug Report

<b>Report for:</b>	2xx series of interactive ADAS
<b>Type of issue:</b>	Feature request
<b>Severity:</b>	major
<b>Priority:</b>	high
<b>Your Name:</b>	Allan Whiteford
<b>E-mail:</b>	allan@phys.strath.ac.uk
<b>Summary:</b>	ADAS208 is too difficult to use
<b>Description:</b>	I frequently have problems using ADAS208.  I don't understand what all the buttons are supposed to do.

## ADAS visits Oct 2007 – Oct 2008

Hugh Summers	Martin O'Mullane	Allan Whiteford
INFPLR	INFPLR	SWIP
Phillips	Auburn	IAEA
BIT	ITM	IPP-Garching
	ORNL	NIFS

(Oct Oct 2006 – Oct 2007:

Hugh Summers	Martin O'Mullane	Allan Whiteford
IPP-Garching	FZ-Jülich	IAEA
CEA	IPP-Garching	FZ-Jülich
FZ-Jülich	CEA	IPP-Garching
Catania	NIFS	NIFS
		Catania

## adas . ac . uk

- We felt that things like: `openadas.phys.strath.ac.uk` and `adasbugs.phys.strath.ac.uk` were a bit unwieldy.
- So we asked for things like `open.adas.strath.ac.uk` and `bugs.adas.strath.ac.uk`.
- Were told no but advised that we could apply for something like `adas-project.ac.uk`.
- According to our IT person, we had little chance of being given `adas.ac.uk`.
- Made an application anyway and were succesful.

## Next release

- Has been delayed due to a number of reasons.
- Software all ready, just need to write the bulletin.
  - After the ADAS-EU proposal, we were worried Hugh would quit if we made him write a bulletin.
- Expect the bulletin to be done mid to late October and the release around the same time.

## Other news

- Successful initial collaboration set up with SWIP.
- Very useful first visit to INFPLR.
- Very successful summer student currently working at JET.
- Good collaboration setup with the ITM.
- Adam Foster submitted his PhD.

**Thank you!**