



The Athena Startup Kit (ASK)

US Atlas – Computing in Physics
BNL, August 27-29, 2003

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Goals

- Make using the Atlas sw framework easier:
 - ▶ Automate end-user tasks, to save time
 - ▶ Integrate framework, releases, and release tools, to improve perceived coherency
 - ▶ Encapsulate volatile wisdom (from web-pages and peoples' heads), to make it more accessible
- Address the needs of all users, from newbies to developers and librarians

Why ASK?

- Currently, in Atlas, under heavy development:
 - ▶ The software which the end-user runs
 - ▶ The framework which runs that software
 - ▶ The tools which manage that framework
 - ▶ The configuration of those tools
- Inescapably, a *state of flux* results, and:
 - ▶ Software usage becomes low-level
 - ▶ Users run into and "fix" the same problems

ASK' Task

- To use **Atlas software** you have to:
 - ▶ **Configure** your **tools** *properly*
 - ▶ **Execute** any needed **commands** in the *correct order*
 - ▶ **Supply** the necessary **resources** and **input** at the *right time, from the right place*

Getting things right, though *hard for an end-user*, is easy for an **automated** system => **ASK**

Resources

- Online documentation:
 - ▶ <http://cern.ch/wlav/athena/athask/index.html>
- Code access:
 - ▶ Atlas CVS: /offline/Control/AthASK

Tutorial Steps

- Retrieving a $Z \rightarrow ee$ file:

```
$ magda_getfile \  
  dc1.002046.simul.00001.hlt.Z_ee.zebra
```

```
$ ln -sf dc1<tab> ZEBRA.P
```

- Start ROOT browser:

```
$ root
```

```
root> TBrowser br = TBrowser()
```