



News about Autoconf & co.

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TOC

- News from Autoconfistan
- Bugs that are being resolved “right now”
- Future plans

WARNING: I'm presenting what *others* did.



The News—Autoconf

- Awk is now used for instantiations (Makefile.in → Makefile, etc.)
- `--enable-feature` and `--with-library` option checking
- m4 optimizations in the lowest level of Autoconf
- Optimizations in m4 macro processor, to be released in 1.6



The News—Automake

- “make dist” supports *.tar.lzma
- Install multiple files at once

The News—Test Frameworks

- Automake's TESTS is **colourful**
- Automake's TESTS is **parallel** (make -j)
- Autotest (AT_* macros) is **parallel** (shell code)

Wildlife Snapshots

- **Bug 1:** AC_C_BIGENDIAN false “universal”
- **Bug 2:** AC_REQUIRE still not right.

The following suddenly stopped working:

```
AC_DEFUN([MY_USUAL_CHECKS], [  
    AC_PROG_CC  
    AC_AIX  
])
```

Future, Plans, Dreams

- Makefile: “include confmake” instead of “VAR = @VAR@”
- Shell funcs shall exist, dynamic AC_REQUIRE (autoconf-3)
- Parallel configure checks

Contacts

- General discussion: autoconf@gnu.org, automake@gnu.org, libtool@gnu.org
- Bug reports: bug-autoconf@gnu.org, [bug-automake](mailto:bug-automake@gnu.org), [bug-libtool](mailto:bug-libtool@gnu.org)
- Do not worry that you won't pick the right one, that's expected.

Q & A

Now, in Bristol pubs, at then at

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