NAME

ident − identify RCS keyword strings in files

SYNOPSIS

ident [**−q**] [**−V**] [*file* . . .]

DESCRIPTION

ident searches for all instances of the pattern **$***keyword***:** *text* **$** in the named files or, if no files are named, the standard input.

These patterns are normally inserted automatically by the RCS command **co**(1), but can also be inserted manually. The option **−q** suppresses the warning given if there are no patterns in a file. The option **−V** prints **ident**'s version number.

ident works on text files as well as object files and dumps. For example, if the C program in **f.c** contains

```
#include <stdio.h>
static char const rcsid[] =
  "$Id: f.c,v 5.4 1993/11/09 17:40:15 eggert Exp $";
int main() { return printf("%s\n", rcsid) == EOF; }
```

and **f.c** is compiled into **f.o**, then the command

```
ident  f.c  f.o
```

will output

```
f.c:$Id: ident.ps,v 1.3 1999/01/31 19:02:53 gfisher Exp $

f.o:
   $Id: f.c,v 5.4 1993/11/09 17:40:15 eggert Exp $
```

If a C program defines a string like **rcsid** above but does not use it, **lint**(1) may complain, and some C compilers will optimize away the string. The most reliable solution is to have the program use the **rcsid** string, as shown in the example above.

ident finds all instances of the **$***keyword***:** *text* **$** pattern, even if *keyword* is not actually an RCS-supported keyword. This gives you information about nonstandard keywords like **$XConsortium$**.

KEYWORDS

Here is the list of keywords currently maintained by **co**(1). All times are given in Coordinated Universal Time (UTC, sometimes called GMT) by default, but if the files were checked out with **co**'s **−z***zone* option, times are given with a numeric time zone indication appended.

$Author$
The login name of the user who checked in the revision.

$Date: 1999/01/31 19:02:53 $ The date and time the revision was checked in.

$Header: /home/faculty1/gfisher/projects-library/CVS/support/documentation/rcs/ident.ps,v 1.3 1999/01/31 19:02:53 gfisher Exp $
A standard header containing the full pathname of the RCS file, the revision number, the date and time, the author, the state, and the locker (if locked).

$Id: ident.ps,v 1.3 1999/01/31 19:02:53 gfisher Exp $** Same as **$Header: /home/faculty1/gfisher/projects-library/CVS/support/documentation/rcs/ident.ps,v 1.3 1999/01/31 19:02:53 gfisher Exp $, except that the RCS filename is without a path.

$Locker$
The login name of the user who locked the revision (empty if not locked).**vision (empty if not locked).vision (empty if not locked).vision (empty if not locked).**

The log message supplied during checkin. For **ident**'s purposes, this is equivalent to **$RCSfile$**.

$Name: $
The symbolic name used to check out the revision, if any.

$RCSfile$
The name of the RCS file without a path.

$Revision$
The revision number assigned to the revision.

$Source$
The full pathname of the RCS file.

$State: Exp $ The state assigned to the revision with the **–s** option of **rcs**(1) or **ci**(1).

co(1) represents the following characters in keyword values by escape sequences to keep keyword strings well-formed.

char	*escape sequence*
tab	**\t**
newline	**\n**
space	**\040**
$	**\044**
****	****

IDENTIFICATION

Author: Walter F. Tichy.
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SEE ALSO

ci(1), co(1), rcs(1), rcsdiff(1), rcsintro(1), rcsmerge(1), rlog(1), rcsfile(5)
Walter F. Tichy, RCS—A System for Version Control, *Software—Practice & Experience* **15**, 7 (July 1985), 637-654.