The `rcs` Package

(Internal Interface)

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(Revision 2.10 of `rcs.sty`)

1. You can configure the `rcs` package by redefining control sequences (cseqs for short). The cseqs which may be redefined form the *protected interface*, all of them start with 'Rcs'. Some cseqs may be used by you to get information about the state of this module. These form the *observer interface*, all cseqs herein start with 'RCS_'. Both cseq sets together form the internal interface.

You must not redefine a cseq starting with 'rcs' or 'RCS'. In no case redefine a cseq containing an at sign or an underscore—all of them belong to the implementation. Here you have a description of an internal interface you can rely on, use it (and only it) for configuration.

2. *The protected interface.*

The cseqs of the protected interface fall in two categories: Configuration of RCS fields and of revision logs.

In general, handlers for RCS fields may be defined, they have the name `\RcsHandle`*Keyword*. These sequences are responsible for the filtering of the value of the RCS *Keyword* field. The unfiltered value itself is provided in the cseq `\RCSRaw`*Keyword* or in `\RCS_value` (see below).

The following cseqs my be redefined to configure the `rcs` package:

`\RcsEmptyValue`	used as value for an empty field
`\RcsHandleDate`	handler for the `Date` field
`\RcsLogStyle`	determines general layout of revision log
	must define `\RcsLogHeading`
`\RcsLogListStyle`	determines layout of revision log list
`\RcsLogHeading{`*text*`}`	heading of revision log
`\RcsLogDate` *date*`\endDate`	typesets date in revision entry intro;
	date has the form *yyyy/mm/dd*
`\RcsLogTime{`*time*`}`	typesets time in revision entry intro

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3. The cseq `\RcsLogListStyle` needs further explanation: The `rcslog` environment is, in fact, a list environment. `\RcsLogListStyle` will be used as the second argument of `\list`, it must define `\makelabel` and setup all list layout parameters.

Even though `rcslog` is implemented via `list`, I don't regard it as such. For example, I think it should not increase the list level: an item list in a revision entries should use the first-level item labels. This is realized by placing the `rcslog` environment on list level 0. It follows that `\endlist` must not be used for `\endrcslog`, `\endtrivlist` is used instead. If you redefine `\RcsLogListStyle` in such a way that this special list level setting is not done any more, you *must* redefine `\endrcslog` as well. You were warned.

Of course, if you just want to change some paragraph layout values, it's better to append your definitions to the end of `\RcsLogListStyle`.

4. The following macros must be looked at for internationalization:

`\RcsLogHeadingName`	log heading text, in front of filename
`\RcsUnknownFile`	used for unknown filename
`\RcsEmptyLog`	no revision entries are available
`\RcsLogRevision{`*rev*`}{`*date*`}{`*time*`}{`*uid*`}`	
	introduces a revision entry, must be an `\item`

5. *The observer interface.*

The following cseqs provide you with information you might utilize in your configuration.

`\rcs@loaded`	the module's RCS revision field
	(This name does not follow the name conventions
	for internal reasons.)
`\RCS_keyword`	keyword of the last parsed RCS field
`\RCS_value`	value of the last parsed RCS field
`\RCS_get_author{`*uid*`}`	gets *uid*'s author name

Revision Log for `rcs-conf.tex`

Revision 2.6 (created at August 2, 1995 by Joachim Schrod)
> Transformed this style option into a LaTeX 2ε package.

Revision 2.5 (created at August 1, 1995 by Joachim Schrod)
> Updated to LaTeX 2ε; `\RcsLoadHook` is not necessary any more as that functionality is provided by LaTeX now.
>> Spell checked.

Revision 2.4 (created at November 8, 1993 by Joachim Schrod)
> Added possibility to configure the layout of the log list (`\RcsLogListStyle`).
>> Now the log list is on level 0. Thereby item lists or enumerations in revision entries get first-level labels. This has consequences for the configuration, this implementation strategy must therefore be specified in the internal interface description.

Revision 2.3 (created at November 3, 1993 by Joachim Schrod)
> Cleaned up for distribution: Added email address to each document, added copyright info to `rcs.doc`, added acknowledgments. Checked my English and the spacing.

Revision 2.2 (created at November 2, 1993 by Joachim Schrod)

`\RcsLoaded` must not be redefined, belongs therefore to the observer interface. I don't write it as `\RCS_loaded` though—it must be usable outside of style files.

Don't need auxiliary files.

Revision 2.1 (created at November 1, 1993 by Joachim Schrod)

Added sub-document that describes the internal interface.