

Example of the Acronym package in use

Hugh C. Pumphrey

August 21, 2021

1 Description

The acronym package is useful for handling such things as Microwave Limb Sounder (MLS) and High-Resolution Dynamics Limb Sounder (HiRDLS). The first time you mention an acronym, it gets expanded. Subsequent uses do not get expanded, so if I mention MLS again, then only the acronym appears. The package does not detect your acronyms magically: it is up to the user to write MLS as `\ac{MLS}` every time it appears. The package warns you if you use an acronym that is not defined. For example, if I do `\ac{OMI}` I get **OMI! (OMI!)**, and a warning

Package acronym Warning: Acronym ‘OMI’ is not defined on input line 17.

is printed to the terminal.

The acronyms themselves are defined within the `acronym` environment. If you load the package with `\usepackage{acronym}` then all of the acronyms you define will appear in the table of acronyms, whether or not you use them. If, on the other hand, you load the package with `\usepackage[printonlyused]{acronym}` then the printed table only consists of acronyms that you actually used somewhere.

Finally, you can use `\acresetall` if you want the definitions of acronyms to appear again. There is an `\acresetall` just above this sentence, so if I use `\ac{MLS}` here I get this: Microwave Limb Sounder (MLS).

List of Acronyms

MLS Microwave Limb Sounder

HiRDLS High-Resolution Dynamics Limb Sounder