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PC MIZAR PRESENTATION

Our goal is to present PC Mizar system and give answers to the following questions:

- How does a Mizar article look like?

- How to use notation and theorems that have been earlier introduced to the Main Mizar Library (MML). Special directives placed on the beginning of the article enable this. Library references are used to insert a particular theorem into the justification of a proposition.

- How to call the system to check syntax and logical correctness of an article? Before calling the system one must call first the **accomodator** that imports the necessary information and creates local data bases.

- What kinds of errors can be found by system in a article? The system prepares only the list of errors and special program (ERRP, ERRFLAG) or editor macros must be used to make it readable.

- What has been collected in MML?

- How to export theorems and notions from your articles to data bases? Two special programs are used the **extractor** that does the job and the **abstractor** that creates the abstract of an article: it leaves the information exported and deletes everything else.

- How to enhance your article to the MML? It is obligatory to submit article with short bibliographical description of it. It includes also a summary that must be written in TEX. A small editor BIBART is used for this purpose.

Presentation was prepared with help of our fourth year students: Katarzyna Jankowska, Leszek Borys i Dariusz Surowik.

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