Practical "Introduction to Artificial Intelligence"

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Prolog Cheat Sheet

Loading files

The easiest way to load a single file into prolog is by doubleclicking it in the exploerer (windows). This starts prolog with the file loaded.

If you change your file you have to ensure that the changes are imported into prolog:
- `make.`

When prolog is started you can load a file by [...]:
- `[excercise1].` You can omit the file suffix.
- `['excercise1.2'].` Quotes are necessary if the name contains special characters or starts with an upper letter.
- `['C:\Documents\excercise1.pl'].` You can specify the complete filepath.

Getting help

Beside the online manual http://www.swi-prolog.org/pldoc/doc_for?object=manual you can find help inline:
- `apropos(term).` Find a list of all predicates that match "term".
- `help(term_to_atom/2).` Description of a specific predicate.

Tracing

You can turn tracing on and of:
- `trace.`
- `notrace.`

When tracing is on, there are a lot of ways to navigate. The most important are:
- `<Return>`: next step
- `a`: abort
- `u`: go up one level
- `h`: print help with all possible actions