Artificial Intelligence

Lecture 7

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- The content of this lecture is based on the book on expert systems [GR], and on the documentation from Clips website [CLIPS].
- The lecture was taught on 19th of november 2012 in room 045C.
- The next lecture will be on 26th of november 2012 in the same room, between 16:20 and 17:50. It's topic will be again CLIPS/Jess syntax and programming style.

Contents

- How to write ordered facts (using assert and using deffacts)
- How to define simple rules (defrule)
- The use of the (reset) predicate
- The use of the (run) predicate
- The use of the (printout t "message") command
- The use of the (retract) command
- (save-facts) and (load-facts)
- Variables (page 41 (51) from ug.pdf)

Bibliography

- [GR] Giarratano J., Riley G. – Expert Systems Principles and Programming, 3rd edition, PWS Publishing, 2002
- [CLIPS] CLIPS online documentation (visited nov. 2012) http://clipsrules.sourceforge.net/OnlineDocs.html
- [RN] Russel S., Norvig P. – Artificial Intelligence – A Modern Approach, 2nd ed. Prentice Hall, 2003 (1112 pages)
- [R] Stuart Russel – Course slides (visited oct. 2012 at http://aima.cs.berkeley.edu/instructors.html#homework)
- [W1] Mark Watson – Practical Artificial Intelligence Programming With Java AI 3rd ed., 2008
- [C] D. Cârstoiu – Sisteme Expert, Editura ALL, București, 1994