

Case Based Reasoning (CBR) in Prolog: Any concrete examples?

Source: <http://sci.tech-archive.net/Archive/sci.cognitive/2004-12/0414.html>

From: Emre Sevinc (emres_at_bilgi.edu.tr)

Date: 12/26/04

Date: Sun, 26 Dec 2004 15:04:10 +0200

Hi,

Does anybody know or can anyone provide some concrete examples on the subject of CBR (Case Based Reasoning) technique implemented in Prolog to solve some problems (preferably not very complicated ones or if so, heavily documented)?

I have difficulty in finding examples explained in a clear format. I'm studying Bratko's book (Prolog Programming for Artificial Intelligence) it's got couple of examples about expert systems, knowledge representation and an expert system shell example but they don't seem to be satisfactory in terms of CBR. I'm also reading "Case-Based Reasoning" by David B. Leake (editor) which provides short descriptions of implemented systems without going to much detail and another book "Introduction to Expert Systems" by Peter Jackson which uses CLIPS programming language but not Prolog.

I'd appreciate any well documented CBR based Prolog program so that I can examine it as a working example in order to understand the concepts from a practical point of view.

Thanks in advance.

--

Emre Sevinc
eMBA Software Developer
<http://www.bilgi.edu.tr>
<http://www.bilgi.edu.tr>
Cognitive Science Student
<http://www.cogsci.boun.edu.tr>

Actively engaged in:
<http://ilerisevive.org>
<http://fazlamesai.net>
<http://cazci.com>