



CHR Research Group Ulm



Internship / Betriebspraktikum

Internship at SecuritEase, New Zealand

Project Details:

SecuritEase is a company located in Wellington, New Zealand. Their main product is a fully integrated front office and back office stock broking system. Their clients process 45% of the NZSX equity market.

SecuritEase is cooperating with the CHR research group Ulm, as their software is based on Prolog and CHR.

They offer two internships for students: First, a Prolog/CHR-based tool has to be developed to assist the conversion of Java/Swing applications to an internal format. Second, a CHR-SQL interface has to be developed that executes CHR rules on data combined from external sources and a database.

We offer:

- Possibility for subsequent master or diploma theses
- Connect to world-wide community of CHR researchers
- Offer from SecuritEase:
 - ✓ 2 months paid work (any time in 2010)
 - ✓ Return airfares to Wellington, New Zealand
 - ✓ Free accommodation (near office, at the sea)

We expect:

- Dedication
- Knowledge of CHR

Background Information on CHR:

Constraint Handling Rules (CHR) is a powerful rule-based declarative programming language, invented by Prof. Frühwirth in the early 90ies. Our research group in Ulm is actively working on improving and extending CHR in cooperation with researchers and industrial partners from all over the world.

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