

GGP (General Game Player)

Team/Player Name: Karrar

Team Members:

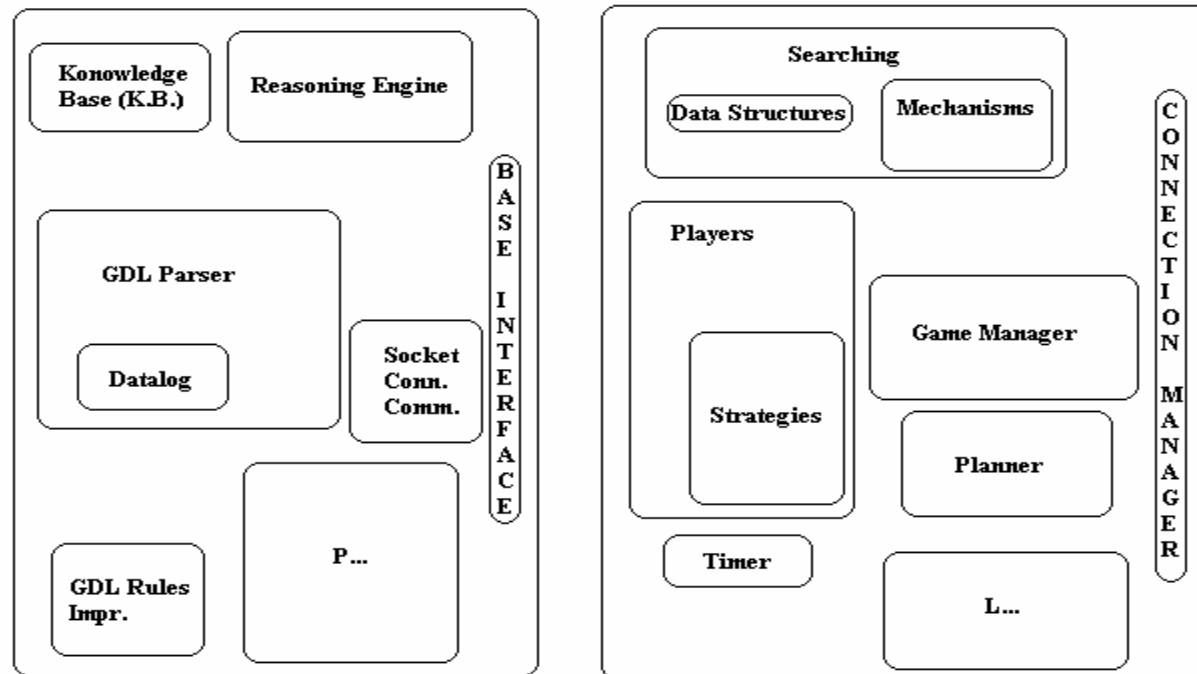
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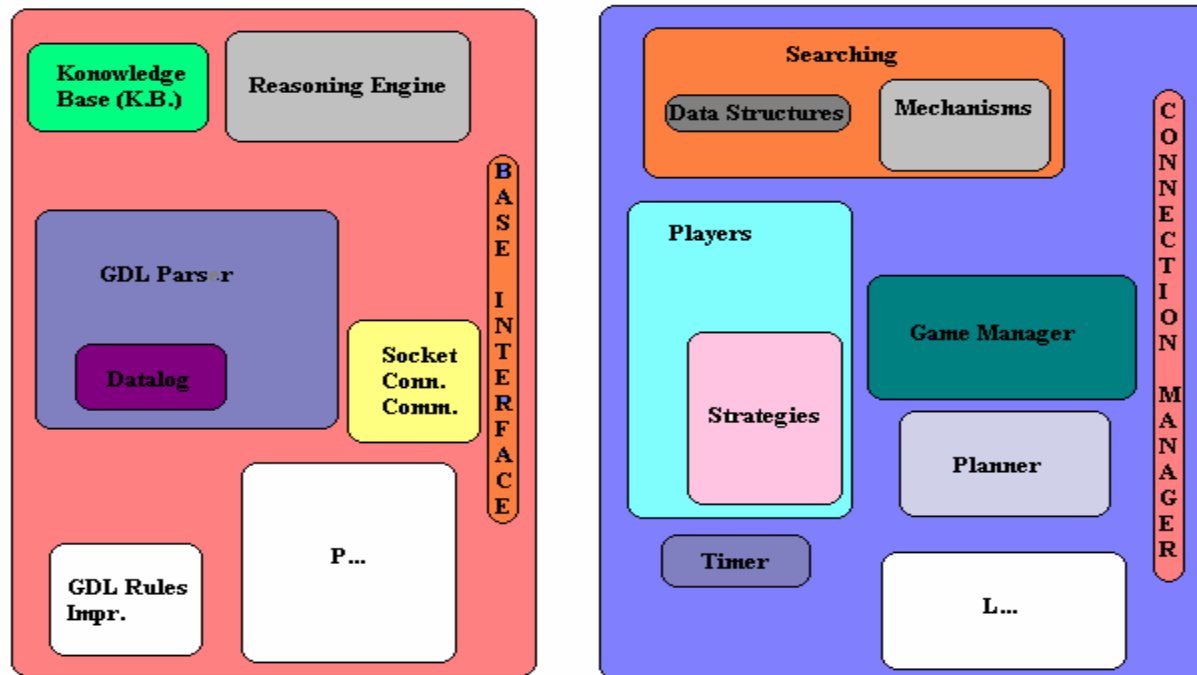
Player Specifications

- ✦ Implemented in Java Language
- ✦ JDK 1.5 specific features
- ✦ JProfiler Integration
- ✦ Test Cases
- ✦ Configuration specific properties file

System Architecture/Design



System Architecture/Design





Feature list

- GDL Parser
- Reasoner & KB
- Perfect Legal Player
- Single Player
 - Iterative deepening
- Multiplayer
 - MinMax Player
- Heuristic Player
 - Simulated Annealing
- ✘ Reasoner Update
- ✘ Heuristic Improvement
- ✘ Normalization
- ✘ GDL rules
- ✘ Planning



Special Features

- @ Multiplayer Interface
- @ Multi-strategy support
- @ Efficient Memory Management
- @ Robustness
- @ Object Orient Design
- @ Runtime configuration Update



Acknowledgement

✿ Professor Michael Thielscher

- For Lectures, Class Competitions to
Earn (1%) or Loose (90%) money.

@ Stephan Schiffel

- Game Controller and feedbacks.

@ Professor Stuart Russell

- Artificial Intelligence: A Modern Approach.



#Questions?