

A Scrabble Agent and Whatnot

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Abstract

AAAI creates ...

Problem Description

what were you trying to do; this should describe the problem addressed by the project. Use your original proposals as a starting point for this part. Also, include your hypothesis(es) here along with a precis of what you found.

Previous Work

survey what approaches have been adopted before. It may be a quick reference to the AI techniques selected for the project or it could reference papers on the problem or on the previous approaches taken to the problem. It depends on the composition of the project; if it extends previous work, then reference what it extends; if it is novel, then reference techniques that motivated the design. References should be from publications rather than web sites; the exception to that is if you downloaded code or problems from a website.

Approach Taken

what did you do. Describe your project: what AI techniques are used by it, why you picked these techniques, how was the project structured, who did what, what sort of data was supplied (example problems for learning systems, prior models for non-learners), what results were expected. Code samples must be short.

Evaluation and Analysis

How well did your project do: as expected, better or worse. Why did it perform as it did? What worked and what did not? Were there any surprises? What experiments/evaluation did you run? Include your experiment design to this section; it may have a subsection for the experiment design and another for the analysis.

Future Work, Conclusions

What did you learn? What would you do in addition or differently? (Torre and Verducci 2008) (Young 2013) (Shapiro and Smith 1982)

References

- Shapiro, S. C., and Smith, H. R. 1982. A scrabble cross-word game playing program. Technical Report 119, Indiana University.
- Torre, J., and Verducci, T. 2008. *The Yankee Years*. Doubleday.
- Young, S. 2013. Building a program that plays scrabble. <http://www.scotthyoung.com/blog/2013/02/21/wordsmith/>.