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Deep Q Learning Bomberman

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WS 18/19

This report has been written by Martina Sonja Zündel, Benjamin Raach, and Henrik Ruh as a part of the Fundamentals of Machine Learning course given by Prof. Köthe.

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Abstract.

1 Notes

tasks:

- write up
- think about how to perform a stagewise learning process
- reward system
- net architecture
- improve epsilon greedy implementation change of epsilon value as fct of number of rounds
- saving the model
- implement gpu ability
- implement terminal step learning
- perform learning
- \bullet code master script
- \bullet cleaning up code

commenting

log messages

References

Mnih, Volodymyr et al. (2013). "Playing atari with deep reinforcement learning." In: arXiv preprint arXiv:1312.5602.