

Agent Documentation of daphne

for the 4th International AI Werewolf Contest

1. Overview

This Agent was created by aiwolf-generator.

path: org.aiwolf.aiwolfgenerator.Daphne

2. How to determine parameters

We wanted to know how to efficiently create a strong Agent, and determined the parameters of our Agent in the following way. This is inspired by the genetic algorithm.

1. First, 50 json files are created, with each parameter determined by a random number, and loaded into the generator's website to generate the Agents.
2. We play the generated Agents against each other and select the 10 Agents with the highest winning rate. We let the Agents play a total of 16,000 matches.
3. Create 50 json files that inherit a few parameters of the 10 Agents you have chosen. You can create 50 Agents in the same way as before.
4. We repeat steps 2 and 3 as many times as we can. We repeated this procedure six times, submitting the Agent with the highest winning rate in the last cycle.