

참고가 될만한 링크들

DeepRacing 겁나 긴 Developer Guide (p.170)

<https://s3-us-west-2.amazonaws.com/secure.notion-static.com/d2ab9cb9-26ef-446c-917c-3c15410b01d5/awsracerdg.pdf>

DeepRacing 관련 pdf (매우 유용)

https://s3-us-west-2.amazonaws.com/secure.notion-static.com/09ab322d-c2bd-4bff-b2e8-1d5aa8c071ba/DeepRacing_____.pdf

트랙들에 대한 최적의 루트를 구해놓은 github 링크

cdthompson/deepracer-k1999-race-lines

The AWS DeepRacer Virtual Circuit is run every month and uses reinforcement learning to teach a car to successfully navigate a race track. Rewards functions are developed by each competitor in order to guide the learning, and these functions can vary widely. One of the

<https://github.com/cdthompson/deepracer-k1999-race-lines>



훈련 관련한 data를 분석해주는 github 링크

aws-deepracer-community/deepracer-analysis

This is a set of notebooks and utilities to enable analysis of logs for AWS DeepRacer. This project is a redo of analysis solutions provided in the AWS DeepRacer Workshops repository.

<https://github.com/aws-deepracer-community/deepracer-analysis>



DeepRacing 기본 관련 github 내용

aws-samples/aws-deepracer-workshops

AWS는 고객분들께서 보다 나은 경험을 하실 수 있도록 AWS DeepRacer 서비스를 개선하는데 끊임없이 노력하고 있습니다. 따라서 항상 GitHub의 최신 실습용 자료를 참고하시기 바랍니다. 이전 버전의 내용은 유효기간이 지났을 수 있습니다. 기술적인 질문이 있으시면 워크숍 진행자에게 문의하시기 바랍니다. 집에


<https://github.com/aws-samples/aws-deepracer-workshops/blob/master/Workshops/2019-AWSSummits-AWSDeepRacerService/Lab1/Readme-Korean.md>

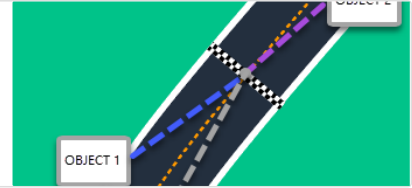


DeepRacing 가이드

Input Parameters of the AWS DeepRacer Reward Function

The AWS DeepRacer reward function takes a dictionary object as the input. The params dictionary object contains the following key-value pairs: {"all_wheels_on_track": Boolean, # flag to indicate if the agent is on the track "x": float, # agent's x-coordinate in meters "y":

 <https://docs.aws.amazon.com/deepracer/latest/developerguide/deepracer-reward-function-input.html>



다양한 코드를 비교하는 github 사이트

scottpletcher/deepracer

AWS DeepRacer Experimentation. Contribute to scottpletcher/deepracer development by creating an account on GitHub.

 <https://github.com/scottpletcher/deepracer>



모델 훈련과 관련한 github 사이트

aws-deepracer-community/deepracer

A repo for running deepracer locally. The rl_coach code comes from https://github.com/aws-labs/amazon-sagemaker-examples/tree/master/reinforcement_learning/rl_deepracer_robotmaker_coach_gazebo


 <https://github.com/aws-deepracer-community/deepracer>



DeepRacing 설명 사이트

AWS DeepRacer-Looking under the hood for design of the reward function and adjusting...

Do you want to try your hands to program a scaled down version of a self driving car to race? → Welcome to AWS Deep-racer a very innovative concept to teach reinforcement learning to a self driving car, which has ZERO knowledge of the real world.

 <https://medium.com/analytics-vidhya/aws-deepracer-looking-under-the-hood-for-design-of-the-reward-function-and-adjusting-e9dd3805ebbf>



DeepRacing 초기 설정 가이드 (일본어 : 크롬 자동 번역 사용하면 된다.)

AWS DeepRacer(実機)の初期設定をしてみた - Qiita

AWS DeepRacer re:Invent2018で発表された、強化学習により駆動する1/18スケールの完全自走型レーシングカーです。ワークショップに参加し実機を入手できたので触ってみました。備忘録も兼ねて、初期設定〜テスト走行まで書いてみたいと思います。ちなみに、実機の発売日は

 <https://qiita.com/gintarow/items/ae08e8db890dddb7c4f5>

