

# Tennis-Copy1

May 27, 2020

## 1 Collaboration and Competition

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### 1.0.1 1. Start the Environment

Run the next code cell to install a few packages. This line will take a few minutes to run!

```
In [1]: !pip -q install ./python
```

```
tensorflow 1.7.1 has requirement numpy>=1.13.3, but you'll have numpy 1.12.1 which is incompatible
ipython 6.5.0 has requirement prompt-toolkit<2.0.0,>=1.0.15, but you'll have prompt-toolkit 3.0.
```

```
In [2]: from ddpg_agent import Agent
        from collections import deque
        import matplotlib.pyplot as plt
        import numpy as np
        import random
        import torch
        from unityagents import UnityEnvironment

        %matplotlib inline
```

Load the environment.

```
In [3]: env = UnityEnvironment(file_name="/data/Tennis_Linux_NoVis/Tennis")
```

```
INFO:unityagents:
```

```
'Academy' started successfully!
```

```
Unity Academy name: Academy
```

```
    Number of Brains: 1
```

```
    Number of External Brains : 1
```

```
    Lesson number : 0
```

```
    Reset Parameters :
```

```
Unity brain name: TennisBrain
```

```
    Number of Visual Observations (per agent): 0
```