



 zheng-huanhuan

 initial version

96302d7 · 4 years ago



74 lines (45 loc) · 2.06 KB

Preview

Code

Blame

Raw



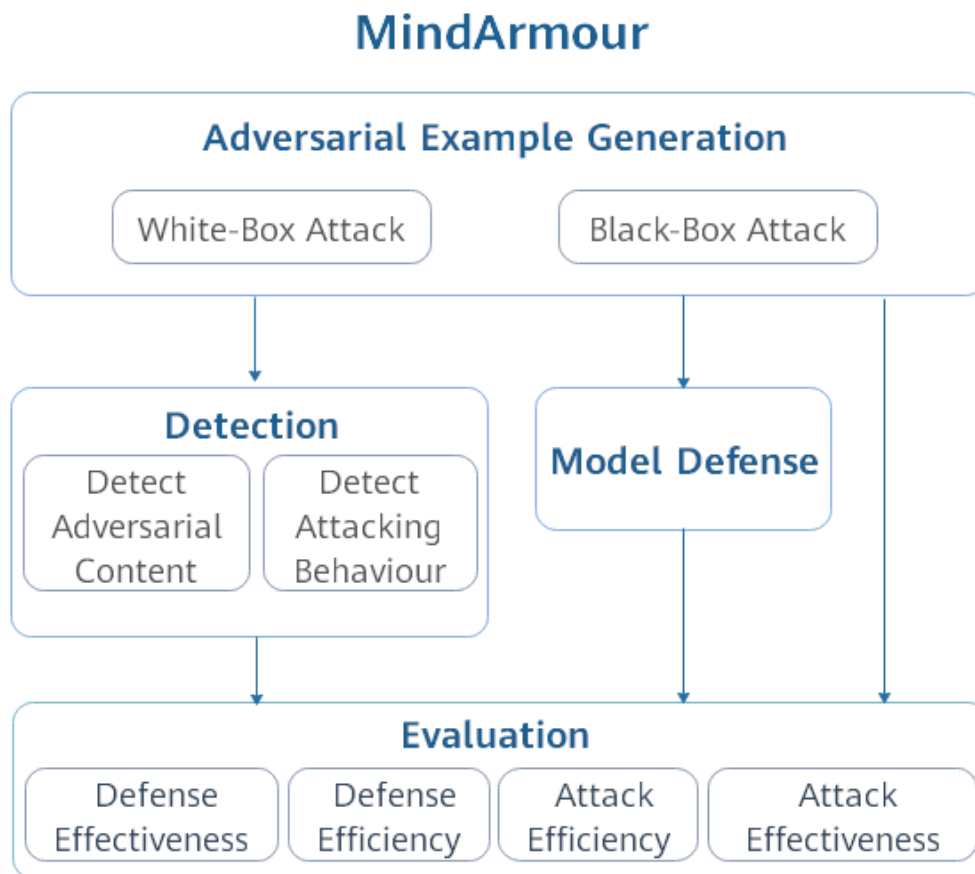
MindArmour

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What is MindArmour

A tool box for MindSpore users to enhance model security and trustworthiness.

MindArmour is designed for adversarial examples, including four submodule: adversarial examples generation, adversarial example detection, model defense and evaluation. The architecture is shown as follow:



Setting up MindArmour

Dependencies

This library uses MindSpore to accelerate graph computations performed by many machine learning models. Therefore, installing MindSpore is a pre-requisite. All other dependencies are included in `setup.py`.

Installation

Installation for development

1. Download source code from Gitee.

```
git clone https://gitee.com/mindspore/mindarmour.git
```



2. Compile and install in MindArmour directory.

```
$ cd mindarmour
$ python setup.py install
```



Pip installation

1. Download whl package from [MindSpore website](#), then run the following command:

```
pip install mindarmour-{version}-cp37-cp37m-linux_{arch}.whl
```



2. Successfully installed, if there is no error message such as No module named 'mindarmour' when execute the following command:

```
python -c 'import mindarmour'
```



Docs

Guidance on installation, tutorials, API, see our [User Documentation](#).

Community

- [MindSpore Slack](#) - Ask questions and find answers.

Contributing

Welcome contributions. See our [Contributor Wiki](#) for more details.

Release Notes

The release notes, see our [RELEASE](#).

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[Apache License 2.0](#)