**How to use the example inpainting code in train mode**

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**Project GitHub Link:**

[*https://github.com/quick2063706271/generative-inpainting-pytorch-gpu*](https://github.com/quick2063706271/generative-inpainting-pytorch-gpu)

**Training dataset link:**

[*https://bbbc.broadinstitute.org/BBBC041*](https://bbbc.broadinstitute.org/BBBC041)

**Pre-requisite:**

* Python3
* PyTorch 1.0+
* torchvision 0.2.0+
* tensorboardX
* pyyaml (5.4.1) Important, version 5.6+ will result in additional Loader in the field of load() function. To check your pyyaml version in your terimal ***pip show pyyaml***

**Steps:**

* **Step 1:** check if you have a GPU, if you have a GPU (with cuda) skip to Step 2. Else, change the config.yaml file from ***generative-inpainting-pytorch/configs/config.yaml*** asText

  Description automatically generated

This is to make sure that your torch is working in cpu mode.

* **Step 2:** change the config.yaml file from ***generative-inpainting-pytorch/configs/config.yaml/train\_data\_path*** as the training malaria dataset directory
* **Step 3:** change the config.yaml file from ***generative-inpainting-pytorch/configs/config.yaml****/****image\_shape*** as [1200,1600,3]
* **Step 4:** In terminal cd to the ***generative-inpainting-pytorch directory*** and then run

**python train.py --config configs/config.yaml**