EINSTEIN COMMAND CHEAT SHEET

Replace the following values with your actual values:

{AUTH\_TOKEN} = authorization token generated from https://api.einstein.ai/token

example : FDFXHXOL7ETD52YXICMQ7ESLN67EIQSJSYTW3SSVBIT2JDJRG6FCRSCQLBISZF5HZVEHB4AVGUKTLDPIBWIPHJ3257CJLYOSFFNZ6MQ

{ZIP} = path to ZIP file for model

example: (MAC) @/Users/philbergner/Desktop/moldmodel.zip

(PC) @c:\data\moldmodel.zip

{DATASET\_ID} = ID retrieved from response after uploading ZIP file

example: 1076924

{MODEL\_NAME} = name you would like to give your trained model

example: mold\_model

{MODEL\_ID} = name of trained model (will be used in API callouts)

example: E6IU2EUWMUOXGS5NLLVDRMYNUQ

{SAMPLE\_IMAGE\_URL} = location of sample image to test image prediction

example: http://einstein.ai/images/546212389.jpg

{PHOTO} = location of feedback photo (local)

example: (MAC) @/Users/philbergner/Desktop/mold\_photo.jpg

(PC) @c:\data\mold\_photo.jpg

COMMAND PROMPT EINSTEIN COMMANDS

Open a command prompt and use the following curl commands to interact with the Einstein API.

**NOTE**: you may have install the curl command prior to using the following commands. <https://curl.haxx.se/dlwiz/>

**UPLOAD** - upload a ZIP file of images in different category directories, returns DATASET\_ID

curl -X POST -H "Authorization: Bearer {AUTH\_TOKEN}" -H "Cache-Control: no-cache" -H "Content-Type: multipart/form-data" -F "data={ZIP}" -F "type=image" https://api.einstein.ai/v2/vision/datasets/upload

**GET DATASET** - check status of upload and verify it succeeded

curl -X GET -H "Authorization: Bearer {AUTH\_TOKEN}" -H "Cache-Control: no-cache" https://api.einstein.ai/v2/vision/datasets/{DATASET\_ID}

**TRAIN** - train dataset to generate a model, returns MODEL\_ID

curl -X POST -H "Authorization: Bearer {AUTH\_TOKEN}" -H "Cache-Control: no-cache" -H "Content-Type: multipart/form-data" -F "name={MODEL\_NAME}" -F "datasetId={DATASET\_ID}" https://api.einstein.ai/v2/vision/train

**TRAIN STATUS** - check status of training, must be complete before testing

curl -X GET -H "Authorization: Bearer {AUTH\_TOKEN}

" -H "Cache-Control: no-cache" https://api.einstein.ai/v2/vision/train/{MODEL\_ID}

**TEST WITH IMAGE VIA URL** - easy way to test model with a hosted image

curl -X POST -H "Authorization: Bearer {AUTH\_TOKEN}" -H "Cache-Control: no-cache" -H "Content-Type: multipart/form-data" -F "sampleLocation={SAMPLE\_IMAGE\_URL}" -F "modelId={MODEL\_ID} " https://api.einstein.ai/v2/vision/predict

**RETRAIN (WITH FEEDBACK)** - retrains existing model to include feedback

curl -X POST -H "Authorization: Bearer {AUTH\_TOKEN}" -H "Cache-Control: no-cache" -H "Content-Type: multipart/form-data" -F "name=" -F "datasetId={DATASET\_ID}" -F "trainParams={\"withFeedback\" : true}" https://api.einstein.ai/v2/vision/train

**GET API USAGE** - checks available API calls

curl -X GET -H "Authorization: Bearer {AUTH\_TOKEN}" -H "Cache-Control: no-cache" https://api.einstein.ai/v2/apiusage