Executing a BIAFLOWS workflow without BIAFLOWS server

It is possible to run a workflow image independently of any BIAFLOWS server. This can for instance be useful to process a local folder of images. For this, first install [Docker](#) on the target workstation, then:

- Get the docker image of the workflow from Dockerhub:
  ```
  docker pull {remote_image}
  ```

  Or alternatively build its Docker image from source (GitHub repository) Inside repository folder: `docker build -t {local_image} .`

- Prepare an empty folder {DATA_PATH} with a subfolder **/data** itself with subfolders:

  - **{DATA_PATH}/data/in**: add input images to this folder*
  - **{DATA_PATH}/data/out**: workflow results are exported to this folder
  - **{DATA_PATH}/data/gt**: leave empty

* Images should be 8-bit TIFF (2D) or 8-bit single file OME-TIFF (C,Z,T).
The string **_lbl** is forbidden in image name since it is used to identify ground truth annotation images.

- Run the workflow with the local flag:
  ```
  docker run -v {DATA_PATH}/data:/data -it {image_name}
  {WORKFLOW_PARAMETERS} --infolder /data/in --gtfolder /data/gt --
  outfolder /data/out --local
  ```

Notes:
`--local (-l)`: indicates to the workflow it should not download nor upload any content from/to a BIAFLOWS instance. Images (input and ground truth) are retrieved from the specified folders. Metrics are displayed on the standard output for all input images.

For a more fine-grained control over BIAFLOWS interactions:
`--no_download (-nd)`: images and ground truth are not downloaded from BIAFLOWS (should be located in the specified folders)
`--no_annotations_upload (-nau)`: annotations are not uploaded to the BIAFLOWS instance
`--no_metrics_computation (-nmc)`: metrics are not computed, nor uploaded to the BIAFLOWS instance
`--no_metrics_upload (-nmu)`: metrics are not uploaded to the BIAFLOWS instance.

The parameters of a specific workflow run (BIAFLOWS **Workflows** tab) can be retrieved by expanding the information from the blue arrow: