

Submission Infrastructure

Submission UI URL: <https://submissions-ui.mlcommons.org/>

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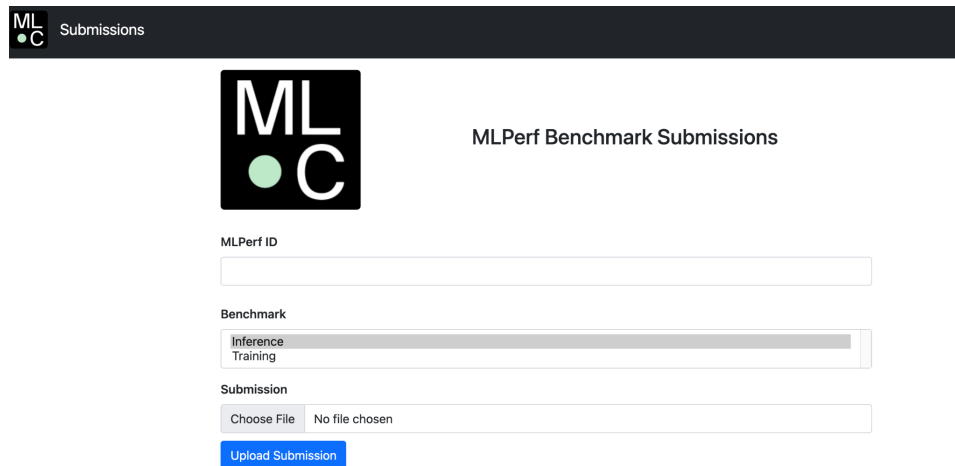
Objectives

- Make a submission UI that allows submitters to upload tarballs containing their results. Allow submitters to run verification tests and preview their results as well
- Deploy infrastructure and make the UI available to submitters

Usage

I'll briefly describe the process to submit your results.

1. Before the submission process begins you will receive an email containing an ID (Submitter ID). You will need this in order to upload your results. (This information will be sent to the email you provided in the registration survey). A link to access the web UI will also be provided.
2. When you access the web UI, you should see a page like this:



The screenshot shows the MLPerf Benchmark Submissions web interface. At the top, there is a dark header with the ML Commons logo and the word "Submissions". Below the header, the main content area features the ML Commons logo on the left and the text "MLPerf Benchmark Submissions" on the right. The form includes three main sections: "MLPerf ID" with a text input field, "Benchmark" with a dropdown menu showing "Inference" and "Training" options, and "Submission" with a "Choose File" button and a "No file chosen" status. At the bottom of the form is a blue "Upload Submission" button.

3. Using this interface, enter the ID that was provided to you, select the appropriate benchmark, and upload from your computer a tarball containing the results of running the inference benchmark. Take into account the [structure](#) of the submission folder. The tarball should be computed in the following way (or in a way that is equivalent to):
 - `tar -cvzf <tarfile_name>.gz <submission_folder>`

Example submission structure:

- **root_folder (or any name you prefer)**
 - **Closed**
 - **<submitter_name>**
 - code
 - ...
 - results
 - systems
 - **Open**
 - **<submitter_name>**
 - code
 - ...
 - results
 - systems

For that case, you should tar the **root_folder**

After you upload the tarball, a submission_id will be generated and sent to you by email and will be displayed in the UI. The submission checker will be run as well and the results will be sent to you along with the submission_id. **By default, you can upload as many tarballs as you want, but only the last one that passes the submission_checker will be included in the final results.**

- If additional tarballs need to be chosen, the submitter needs to contact Pablo with the details (with tarball ids)
 - The tarballs you choose should have a different **<submitter_name>** in the previous folder structure. E.g: Google, Google_1 or Qualcomm_edge, Qualcomm_datacenter.
 - If you want to request multiple submitter_ids, the submitter needs to contact Pablo. The tarballs you choose should have a different **<submitter_name>** in the previous folder structure.
4. You will receive an email that contains the results of the submission checker. This will tell you if the submission passed or not. Here is what an email for a successful submission

will look like:

**submissions-ui@mlcommons.org**
to me ▾

3:07 PM (0 minutes ago) ☆ ↶ ⋮

Your submission was successfully uploaded at 2022-06-22 20:07:12 UTC. Upload information:

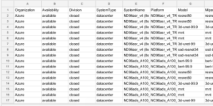
Submitter organization: testing
Submitter id: a1326aa1-4955-4db4-8a9a-f4d4add72385
Submission id: testing_2
Uploaded file: sample_submission.gz
Checksum of the encrypted file (md5sum): b21593ddc90bffb5be55e283f9133d23

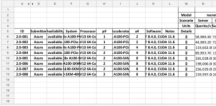
The submission checker ran successfully for submission!

You can check the status of the verification checks at the submissions page: <https://submissions-ui.mlcommons.org/submission>.
Remember to save the submission id to include this submission in the final results.

WARNING: You organization has not signed the current trademark agreement. If this condition is not met, your result can NOT be published

3 Attachments  


summary.csv


summary.xlsx


log.txt

Here is a description of the files you'll receive for a successful submission:

- **summary.csv**: Here are the results for all your systems summarized in a csv file. You'll only get this if your submission was successful.
 - **summary.xlsx**: Here are the results for all your systems summarized in a spreadsheet. Similar to what the final report should look like. You'll only get this if your submission was successful.
 - **log.txt**: The log output of the submission checker. This checks if your submission is valid.
5. In the upper left corner of the interface, you will find a link to the submissions page. (Also notice that the image of the MLCommons logo is a link that takes you back to the main page). There you will be able to see the submission that is currently included in the final results. This page should look like this:

MLC Submissions

MLC

MLPerf Benchmark Submissions

Submitter id

Search

Submission Id	Tarball Name	Benchmark	Submission Date	Verification status	Generate Report
testing_1	sample_submission.gz	Inference	2022-06-21 19:41:36 UTC	checked	Get report

CONTACT INFO

submissions-ui@mlcommons.org

Frequent Issues and Questions

- **The loading bar gets stuck at 100% when uploading a submission.** In this case, the file is uploaded correctly, but some frontend error prevents the submission checker from running.

Upload Submission

Uploading...

100%

CONTACT INFO

submissions-ui@mlcommons.org

If you get this issue you can try one of the following to solve the issue:

1. Wait for a couple of seconds (<1 min). It can take some time to complete the request
2. This issue doesn't occur very often, therefore you can try to upload your submission again.
3. If the error persists, you can:
 - a. Go to the submissions page
 - b. Use your submitter id to look for your submissions.
 - c. You should see the following button that you can use to run the submission checker:

uploading

Check
submission
