

LingoTurk Protocols:

1. Experiment creation:

1. Experiments consist of an experiment type and an experiment instance.
 1. An experiment type is the basis of an experiment. It contains the experimental design (js, html, css etc.), but not the instructions or stimuli.
 2. An experiment instance is an instantiation of the experiment type which contains the instructions (html) and the stimuli (csv).
2. Researchers can only create experiment types on the Masses server, not on the Multitude server.
3. Researchers are responsible for ensuring the proper set up and configuration of the experiment type on the Masses server. This means researchers need to thoroughly test the experiment type and verify the experiment output on Masses before moving the experiment type to the Multitude server.
4. If a researcher is new to LingoTurk, they should contact the administrator for assistance.
 1. Researchers should share their position (post-doc, phd, ma, ba) and their group (Vera, Alexander etc.) with the administrator.
 2. Researchers should mention their programming experience and specifically indicate if they have any background with HTML/JS when creating experiments.
5. Researchers should follow the naming guidelines for experiment instances.
 1. The instance name should start with the researcher's name or initials.

2. Experiment modification:

1. All changes and modifications to an experiment type should be made on the Masses server first.
2. Researchers are responsible for thoroughly testing and validating the changes on the Masses server before the experiment type can be moved to the production server.
3. If a researcher is new to programming in HTML and Javascript, they should contact the administrator for assistance. The goal is for the experimenter to change as much as possible by themselves.

3. Production server usage:

1. The Multitude server is the production server, and should only be used to run the final version of the experiment on participants.
2. The final version of the experiment type, as validated on the Masses server, should be deployed (moved) to the Multitude server by a designated administrator or other authorized personnel. If researchers attempt to do this themselves, the server Multitude will crash and experiments that are being run will be offline.
3. No direct changes or modifications should be made to the Multitude server. If an experiment type requires changes, then the changes should be made on Masses and the experiment should be re-deployed onto Multitude by the administrator.

4. In case the server is down, the administrator and other lab members should be notified. Experiments in which data is collected should be paused, as new data may not be saved.

4. Media files transfer:

1. When moving the experiment type from the Masses server to the Multitude server, any media files (sound files, images etc. except for the csv file) related to the experiment type should be shared with the administrator.
2. The administrator will upload the experiment type and the media files to the Multitude server.

5. Experiment storing and archiving:

1. Researchers are responsible for storing and archiving all relevant data and information from their experiment type and experiment instance.
2. This data should be properly labeled and organized for future reference and analysis.
3. The multitude server is not meant as a storage server. Files on the production server older than one year will be removed by the administrator. Researchers are responsible for ensuring that their data is backed up elsewhere.
4. Multitude has limited memory capacity, and media files tend to take up a lot of memory. Once the study is complete, researchers should inform the administrator to remove any media files related to the experiment.
5. Every year on February 1, experiment types on the Multitude server older than one year will be removed. Reminders will be sent out the first week of January. (by sek-
vd)

6. Administrator availability:

1. Administrator will only be available during the following times: Monday-Friday, 12pm- 6pm.
2. Expected turn around time for the administrator is 1 week for experiment creation and modification.
3. For experiment transfer and server downtime, expected turn around time is 1 working day (dependent on administrator availability).
4. Researchers should plan accordingly and schedule any necessary changes or updates to their experiment within the administrator's availability hours.
5. Admin can be reached on the following email address: mahmad@coli.uni-saarland.de or via Teams.

Workflow overview:

1. Create experiment type on masses
2. Edit experiment type on masses
3. Test experiment type and instance and results file on masses
4. Repeat 2 and 3, until completed
5. Ask admin to move experiment type to multitude
6. Make experiment instance
7. Pilot experiment on yourself
8. Download data to see if everything works as planned

9. Repeat 7 and 8, until completed
10. Save experiment type zip+materials+instructions locally (or on a different server)
11. Publish experiment
12. Save data locally (or on a different server)
13. Remove experiment from server.
14. Ask admin to remove any media files related to the experiment from the server.