Interested in large scale data collection? Pushkin is for conducting massive online experiments!

**What is Pushkin?**

A collection of tools and technologies that can be assembled into a versatile platform for running successful massive online experiments. Pushkin is designed to provide the majority of the functionality needed to conduct successful massive online experiments while offering flexibility and modularity that allows for easy modifications and customization.

**Massive Online Experiment Needs**

- Implement many experimental designs in an online format
- Recruit and reward participants without providing cash payment or course credit
- Ensure that the study is available all the time (no downtime)
- Store the data being collected while the study is active
- (Bonus) Implement sophisticated stimulus selection logic!

**Where Do We Get Subjects From?**

- No course credit
- Recruiting and reward participants without providing cash payments
- Ensuring that the study is available all the time (no downtime)

**Standard vs Pushkin Experiment**

- A Pushkin experiment allows for flexible, real-time stimulus selection and contingent designs
- Encouraging discussions in crowdsourcing projects: forum
- Extra feature!
- Cron Worker: Runs (Python or JavaScript) scripts periodically, can be used to analyze data and send reports or remove user IDs for inactive users

**Timeline and Future Directions**

- Under development:
  - Web-based eye tracking (WebGazer.js)
  - Percentile score feedback template
  - Additional feedback templates

- Challenges currently being addressed:
  - Faster and simpler deployment of a Pushkin website
  - Reusable templates for scientists with little programming knowledge
  - Procedures for keeping Pushkin dependencies up-to-date
  - More extensive documentation

**Acknowledgements**

- [https://github.com/pushkin-consortium/pushkin](https://github.com/pushkin-consortium/pushkin)