

## THE SEARCH FOR HARMONY

### Data Management Plan

#### Expected Data

| Type of Data  | When Shared   | Under What Conditions?  |
|---|---|---|
| Open-source computer code including Javascript, PHP, HTML and CSS, including all algorithms and design templates.   | At the conclusion of the start-up grant period, following quality assurance testing. Additional versions as project progresses. | Code will be freely available.  |
| A playable, web-accessible version of <i>The Search for Harmony</i> proof-of-concept, which demos the tool.         | At the conclusion of the start-up grant period, following quality assurance. Additional versions as project progresses.         | Website will be freely accessible.  |
| Sample database and WordPress installation for <i>The Search for Harmony</i> to be used as test data for end users. | At the conclusion of the start-up grant period.   | Freely available as a GitHub code repository linked to the primary tool.                        |
| Exported event-driven Google Analytics data for impact metric analysis.   | At the conclusion of the start-up grant period.   | Included as a report with code and linked to from any ancillary media, e.g. Stone Soup website. |
| White Paper   | After the project has been completed.   | Freely available on the Stone Soup website.   |
| Progress reports including multimedia.  | From the time of writing, throughout the duration of the project.   | Freely available on the Stone Soup website.   |
| Documentation of reusable tool.   | At the conclusion of the start-up grant period. Additional versions as project progresses.                                      | Freely available, included with the GitHub code repository.                                     |
| Final Report to NEH   | After the project has been completed.   | Dissemination will be the responsibility of the NEH.  |

## **Data Formats and Dissemination**

Two components comprise the bulk of data generated during the course of this Start-Up Grant Period: Web-based computer code for the WordPress plugin that is being developed to facilitate game creation in the humanities, and sample code in the form of *The Search for Harmony* proof-of-concept level. This plugin and the demo will be shared on GitHub. The plugin will also be shared in the WordPress Plugin Repository, and will adhere to WordPress coding best practices.

Also included will be plain text and markdown documentation on the plugin and how it can be used, and information related to its implementation in *The Search for Harmony*. The project itself will be freely available for download so it can be duplicated and studied as a use case.

Progress reports and the White Paper will also be made available in PDF format, downloadable through the Stone Soup website.

Analytics data will be collected using Google Analytics' event-based Javascript code, which will be used to measure engagement and user progress anonymously for research that will foster development of the game. Once the project has reached its conclusion, this anonymous analytics data will be made freely available as a sample data set for future humanities media makers interested in measurement methods related to web-based games.

The playable version of *The Search for Harmony* will require a server capable of running WordPress, which is a common requirement for most websites.

## **Data Storage and Preservation of Access**

All materials will be hosted using existing code repositories such as GitHub, extending the duration of their access without incurring additional cost. GitHub allows for free repositories that are open-source.

## **Period of Data Retention**

Data will be retained for a minimum of five years, although no effort will be made to remove the code from GitHub or the WordPress Plugin repository following this period. The Lead Developer owns cloud servers and will support the playable version for a minimum of five years, removing the normal cost of hosting from long-term storage.