

# ColloCaid Code Documentation



We have provided the following as part of this repository:

- ColloCaid Sample Code:
  - collocaid-publish.zip [TinyMCE plugin implementation]
  - collocaid-vis.zip [ColloCaid Vis Panel React component source code]

## ColloCaid Sample Code Documentation

The ColloCaid sample code is a full working implementation of the ColloCaid editor and visualization panel. The ColloCaid editor is a modified version of TinyMCE (<https://www.tiny.cloud/>) which integrates with the ColloCaid visualization panel, a ReactJS (<https://reactjs.org>) component that can be included in your project to produce the visualizations that are available in the online ColloCaid editor.

### Run the ColloCaid TinyMCE example implementation

To run the full ColloCaid example, host the files within collocaid-publish.zip on a Web server running PHP, and navigate to collocaid.php to begin. The functionality is the same as that of the live editor at <https://collocaid.uk> only this version uses the sample dataset provided, with a smaller database of supported words and collocations.

### Run and develop the ColloCaid Visualization Panel code

To run the ColloCaid Visualization panel code, you will need to have NodeJS installed (<https://nodejs.org>). From within the extracted collocaid-vis.zip directory, run the following commands:

```
npm install      Install ColloCaid Vis dependencies from NPM
npm start       Watch the src/ directory and create a build on save
```

To update collocaid-vis in the live PHP example, replace vis/collocaid-vis-v07.js with your new build.

### Instructions to update ColloCaid example database

We have provided a script: parse\_db.php that will parse a csv representation of the ColloCaid sample dataset spreadsheet. You will need to convert the excel spreadsheet to a CSV, then use <https://csvjson.com> to convert this file to JSON. Before conversion, replace the “BASE” heading with “Base”.

Once converted, you will need to run this JSON through the script we have provided: parse\_db.php – You will need to update the URL of the parsed JSON database here for the script to run over the new JSON file. Once updated, run this script on your Web server and save the results to another JSON file. You should overwrite datademo.json, otherwise you will need to modify the file path inside json\_demo\_db\_tiny.php instead, which is responsible for loading the new database into the ColloCaid example editor.

This work was funded by AHRC AH/P003508/1