# Gallifreyan

Gallifreyan is an English-to-Gallifreyan transliterater . Users can enter a word using the English alphabet and have it translated to a version of the Gallifreyan Circlular alphabet. The transliteration can be displayed on the monitor and/or written to a user defined file.

The application and the repository are incomplete and it exists now only as an API. Features to be developed include:  
  
1. Push the MySQL database to the repository. The app will work as is, but without the database, the only glyphs produced will be empty (but formatted) circles.

2. Add modules to GenericDB for Hibernate, JPA, and CSV to finally realize it’s abstraction of database access.

3. Add a standalone UI with Swing.

4. Add a Web enabled UI with Spring and JSP.

5. Consider expanding the app with Elvish and Dwarven transliteration modules.

6. See if upgrading to Java 8 can make it cleaner.

7. Figure out a way to do unit tests on the code and output.

8. Put this readme file in the proper github format.

9. Verify that the repository is accessible by the public.

10. Experiment with making the API a service.