

# Using and Improving GladLibs

Brittle Code

# Extending Programs and Classes

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  - Must access for random replacement
- Follow conventions
  - verbList for verb



# Extending Programs and Classes

- Good design or good judgment comes from experience
  - Experience comes from bad judgment!
- Software can be brittle
  - [https://en.wikipedia.org/wiki/Software\\_brittleness](https://en.wikipedia.org/wiki/Software_brittleness)



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  - [https://en.wikipedia.org/wiki/Software\\_brittleness](https://en.wikipedia.org/wiki/Software_brittleness)
- Open/Closed: open for extension, closed for modification
  - [https://en.wikipedia.org/wiki/Open/closed\\_principle](https://en.wikipedia.org/wiki/Open/closed_principle)



# Creating Better Design/Code

- The GladLib class has good features
  - Uses simple code, can extend/maintain
- Creating a better design means acquiring new knowledge and skills
  - Keeping changes in one place
  - Minimizing duplicate code

