Lecture Summarization Service Catalog
Derek M Miller

- **Github Location**
  - https://github.com/dmmiller612/lecture-summarizer

- **AWS Service Location**
  - http://54.85.20.109:5000/

- **Documentation**
  - RESTful API: https://github.com/dmmiller612/lecture-summarizer/blob/master/Documentation/API_Documentation.md

  - CLI: https://github.com/dmmiller612/lecture-summarizer/blob/master/Documentation/CLI_Documentation.md

  - Running Service Locally: https://github.com/dmmiller612/lecture-summarizer#running-the-service-locally

- **Repository Content**
  - **Documentation**: All documentation related to the lecture summarization project.
  - **data**: All data used for experimentation, tests, and more.
  - **summarizer:** All code for the summarization service logic.
  - **test:** All tests for the summarization project.
  - **Dockerfile**: Dockerfile used and published by the application.
  - **Makefile:** Only here to make running docker commands easier.
  - **README.md:** Includes the getting started documentation on one page.
  - **lecture_summarizer:** The main CLI code.
  - **requirements.txt:** Used by the Dockerfile to install necessary dependencies.
  - **server.py:** The main flask server that is used for the endpoints of the API.
  - **setup.py:** Allows the user to pip install the cli.

- **Things to Note:**
  - If you have already installed the cli tool once, you will probably need to `pip uninstall lecture-summarizer`, the re-install the package again.
  - When running the service locally, it will need to download a very large BERT file. This may take quite some time.
  - Requests for create summarizations can be slow, depending on how much data there is.