**GitHub Repository Layout and Information**

<https://github.com/KevinRingstaff/impact.utc.edu>

Description of the GitHub repository file structure, UTC GutHub commit practices, and other general GitHub Information.

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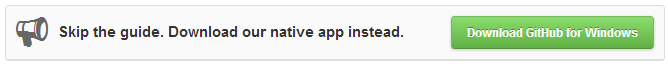
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# Installation

**Install GitHub**

**Steps:**

1. Navigate to [GitHub](https://help.github.com/articles/set-up-git), select your platform, and click on the ‘Download GitHub for Windows’ button.



1. Install and use the default options for each step.
2. Note: The URL above also has command line instructions instead of the GUI.

**Connect to a repository**

**Steps:**

1. Create an account on GitHub
2. Login to said account
3. Navigate to the [repository](https://github.com/KevinRingstaff/impact.utc.edu)
4. Fork the repository by, you guessed it, clicking on the ‘Fork’ button

C:\Users\kevin\Desktop\Untitled-2.jpg

1. Now clone the repository

C:\Users\kevin\Desktop\asdf.jpg

1. And the repository is ready to go. Make changes, commit them, and then sync them.

# GitHub Folder Structure

This is the structure of the edu.utc.impact repository.

**code**

* **res -** All of the supporting Android layout files
  + **layout** – XML files for each different Activity UI
  + **values** – XML files for each constant or other values
* **src \ edu.utc.impact** – All of the classes that make up the activity
  + **analysis** - All of the services and activities associated with specific research and detection
  + **data** - All the supporting classes for connecting to the database and other I/O
  + **transmission** - All the supporting classes for sending or receiving data from a remote server
  + **ui** - All the supporting base classes for any User Interface
  + **utils** - These are general classes that are designed to be used by one or more packages
* Various Eclipse support files

**docs**

* **db** – Contains layouts, Android sqlite databases, and the MySQL Workbench File for the main database
* **docs** – Contains ADL testing data and other summer information, Notes and Instructional documents, and UTC abstract submissions
* **pdfs** – Contains PDF research on many different topics

# GitHub Practices and Guidelines

**Naming Conventions**

**Committing**

**Coding**

**Documentation**

**General Guidelines**

# FAQ

**Frequently Asked Questions**

# Revisions

**Revision History**

* **1/29/13 – Kevin Ringstaff - Initial Version**

**Notes:**