Introduction to Computational Medicine Data & Tools

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Eureka Introduction/ Demonstration

Eureka Webinar

GitHub

- Source-Control Management (SCM) System

  - Provides Collaborative Development Environment

  - Introduction to Collaborative Development

- JHU-BME580_431 Organization

  - Newly created accounts have default password of "ChangeMe1"

- GitHub Desktop - Allows GitHub connections from your desktop

- Matlab Source Control Integration - Integrates GitHub directly into Matlab

OneDrive

- Cloud Computing resource available via <u>Hopkins Portal</u>

- Cardiac Output Subjects with ABP Signal share

  - 282 MIMIC-II subjects

    - Per-minute vitals data including Cardiac Output

    - 125Hz Arterial Blood Pressure data for subjects

    - All tab-delimited text files with headers for per-minute data

Eureka Access

- <u>Eureka</u> requires a Globus Account

    - If you don't have a Globus account, do the following:

        - Click Register on the Eureka

        - In the upper right-hand corner, click "Sign up"

        - Complete the account creation form

        - Look for a confirmation email and click to validate your email address

        - Once you have registered, return to <u>Globus</u> and sign in

        - Click 'Manage Identities' under your account name in the drop-down menu at the top of the page

        - Click the 'Add Linked Identity' link to associate your InCommon (e.g., Johns Hopkins) and/or Google account with your Globus account

            - This allows for Single Sign On in the future, using your InCommon and/or Google credentials instead of your Globus account

GitHub/OneDrive Access

- All students should have access to both GitHub and OneDrive

- If a resource is inaccessible, send an e-mail to Stephen Granite (sgranite@jhu.edu) and the problems will be resolved