Welcome to the Guide on Setting Up Your Project with GitHub and RWDEx!

Embarking on a new project? Need to ensure seamless collaboration and reproducibility? You’re in the right place! Follow these steps to set up your project effortlessly with GitHub and RWDEx.

**1. Prerequisites**

Before we start, make sure you have following accesses:

1. GitHub Access: Secure access to your GitHub account. If you haven’t yet, follow these steps.
2. Git Setup: Initiate Git to ensure a seamless experience. Here’s a handy authentication guide for GitHub Enterprise.

**2. Initialization Requirements**

1. Navigate to RWDEx and create an analysis using the Analysis Wizard.
2. Opt for 'Advanced Analytical Tools Enabled.'
3. Add your teammates as collaborators for collective genius.
4. Good to Know: Post this setup, ‘chminer’ crafts a dedicated GitHub repository for your project. A SharePoint page for document sharing and an email with all essential details will be dispatched to you.

**3. Initialization Rationale**

Why this setup, you ask? It’s crafted to foster easy collaboration and assure reproducibility. Your workspace, environment tracking, and more, are all sorted!

**4. Initializing a New Analysis**

1. Use mRemoteNG to connect to JupyterHub and open its terminal.
2. Initiate the setup with: $PROJECT\_SETUP\_TOOLS/init\_project.sh
3. Provide the GitHub repository link (HTTP/SSH).
4. For GitHub novices, authenticate via personal token or SSH.
5. Enter your username (ISID) and password (personal token).
6. Select your desired programming language version.
7. Your git clone is complete, and project set up is completed, and you’re ready to dive into analysis.

**5. Initializing an Ongoing Analysis**

1. For ongoing analysis setup, the steps mirror the new analysis setup with some additions:

If a folder named after your analysis already exists in your directory, you’ll be prompted to replace it. Give an appropriate answer.

Your git clone is complete, and project set up is completed, and you’re ready to dive into analysis.

Now, every team member can commit and push their alterations ensuring that collaboration and reproducibility. Your seamless project setup ensures that the focus remains on innovation and creation, unburdened by logistical hassles. Happy analyzing!