**Installing REDCap Using Docker**

This guide provides step-by-step instructions for setting up a local REDCap instance using Docker. Screenshots are included for clarity.

**Prerequisites**

Ensure you have the following installed on your system:

* [Docker Desktop](https://www.docker.com/products/docker-desktop/) (Windows/macOS) or [Docker Engine](https://docs.docker.com/engine/install/) (Linux)
* [Git](https://git-scm.com/downloads) (optional, for cloning the repository)

**Installation Steps**

**1. Download REDCap Docker Compose**

* Go to <https://github.com/jhu-redcap/redcap-docker-compose>.
* Click the **Code** button and select **Download ZIP**.
* Extract the downloaded ZIP file to a directory where you want to store your REDCap Docker instance.

**2. Configure the Environment File**

* Open the extracted folder and navigate to the **RDC** directory.
* Rename the file **.env-example** to **.env**.

**3. Start the Docker Containers**

* Open **File Explorer** and navigate to the **RDC** folder.
* Open a **Command Prompt** at this location (Shift + Right-click and select **Open Command Prompt Here**).
* Run the following command to start REDCap:
* docker compose up -d
* This process may take several minutes, depending on your system and internet speed.

(*Insert Screenshot: Command prompt running docker compose up -d*)

**4. Access REDCap Installation**

* Open a web browser and navigate to:
* http://localhost
* Select the **Community Consortium** option.
* Enter your **institutional credentials**.
* Choose the **REDCap version** you wish to install.
* Check the option **Prepopulate with table-based users** and activate **table authentication**.
* Enter your email address in the provided field.
* **A screenshot of a computer

  Description automatically generated**Click **Install REDCap**.

⚠ **Note:** The installation process may take up to 20 minutes on a slow connection.

**5. Verify Installation**

* A screenshot of a computer

  Description automatically generatedOnce the installation completes, click the **Control Center / Check.php** link.
* Log in using the default credentials:
* Username: admin
* Password: password
* If successful, you now have a **fully functional local instance of REDCap**.

**Additional Notes**

* To set up **multiple versions** of REDCap, refer to the repository documentation.
* To stop the REDCap instance, run:
* docker compose down
* To restart it later, run:
* docker compose up -d
* For troubleshooting, check the **Docker logs** using:
* docker compose logs

This guide ensures a smooth setup process for REDCap administrators looking to deploy a local instance quickly. Let me know if you need further refinements! 🚀