# ARG Framework Installation Guide

Welcome to the ARG Framework! This guide provides comprehensive instructions for setting up the project using the automated installation scripts.

## Option 1: Linux Installation (Recommended)

This method uses an interactive shell script to automate the entire setup process.

### Prerequisites

* A Linux-based OS (like Ubuntu, Debian, CentOS)
* php-cli
* php-mysql
* php-mbstring
* composer
* mysql-client

### Steps

1. **Place Files**: Unzip the project files into your web server's directory (e.g., /var/www/html/arg\_game).
2. **Set Permissions**: Open your terminal, navigate to the project directory, and make the installation script executable:  
   cd /path/to/your/project/arg\_game  
   chmod +x install.sh
3. **Run the Installer**: Execute the script:  
   ./install.sh
4. **Follow the Prompts**: The script will guide you through the following steps:
   * It will check for required software (PHP, Composer, MySQL).
   * It will ask for your database connection details (host, user, password, and database name).
   * It will ask for the email address and a secure password for the first administrator account.
5. **Complete!**: Once the script finishes, it will provide you with the URLs for the public site and the admin panel. Your config.php file will be created, the database will be set up, and your admin user will be ready.

## Option 2: Windows & XAMPP Installation

This method uses a batch script designed for a standard XAMPP installation.

### Prerequisites

* XAMPP installed in its default location (C:\xampp).
* Composer installed for Windows.

### Steps

1. **Place Files**: Unzip the project files into your XAMPP web root. The final path should be C:\xampp\htdocs\arg\_game.
2. **Start XAMPP**: Open the XAMPP Control Panel and ensure that the **Apache** and **MySQL** services are running.
3. **Run the Installer**: Navigate to the C:\xampp\htdocs\arg\_game folder and double-click the install.bat file.
4. **Follow the Prompts**: A command prompt window will open and guide you through the setup:
   * It will ask for your database details. For a default XAMPP setup, you can typically press **Enter** to accept the defaults (host: localhost, user: root, password: (empty)).
   * It will ask for the email address and password for the first administrator.
5. **Complete!**: After the script finishes, the command window will close. The database will be configured, and you can access the site and admin panel using the standard localhost URLs.

### Final URLs

* **Public Site**: http://localhost/arg\_game/public/
* **Admin Panel**: http://localhost/arg\_game/admin/

**IMPORTANT**: For a production environment, always configure your web server's document root to point to the /public directory. This is a critical security measure to prevent direct access to application files.