

# User Guide – Byte Array Dev Tools

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## 1. Introduction

Welcome to the User Guide for Byte Array Dev Tools (BDT), a versatile and powerful tool designed to help users manage tasks efficiently. This guide will walk you through everything from installation to advanced features, ensuring you get the most out of the software. Whether you're a beginner or an experienced user, this guide will provide you with all the information you need to navigate and optimize the application.

## 2. Getting Started

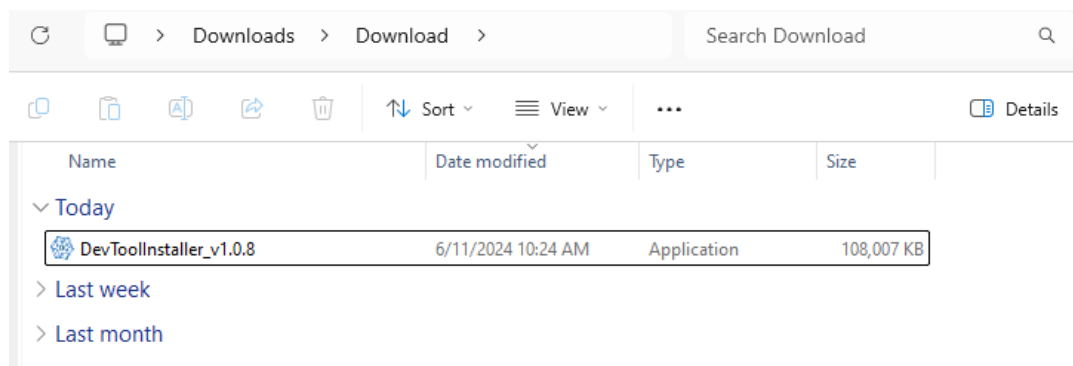
### 2.1 System Requirements

Before installing BDT, ensure your device meets the following minimum system requirements:

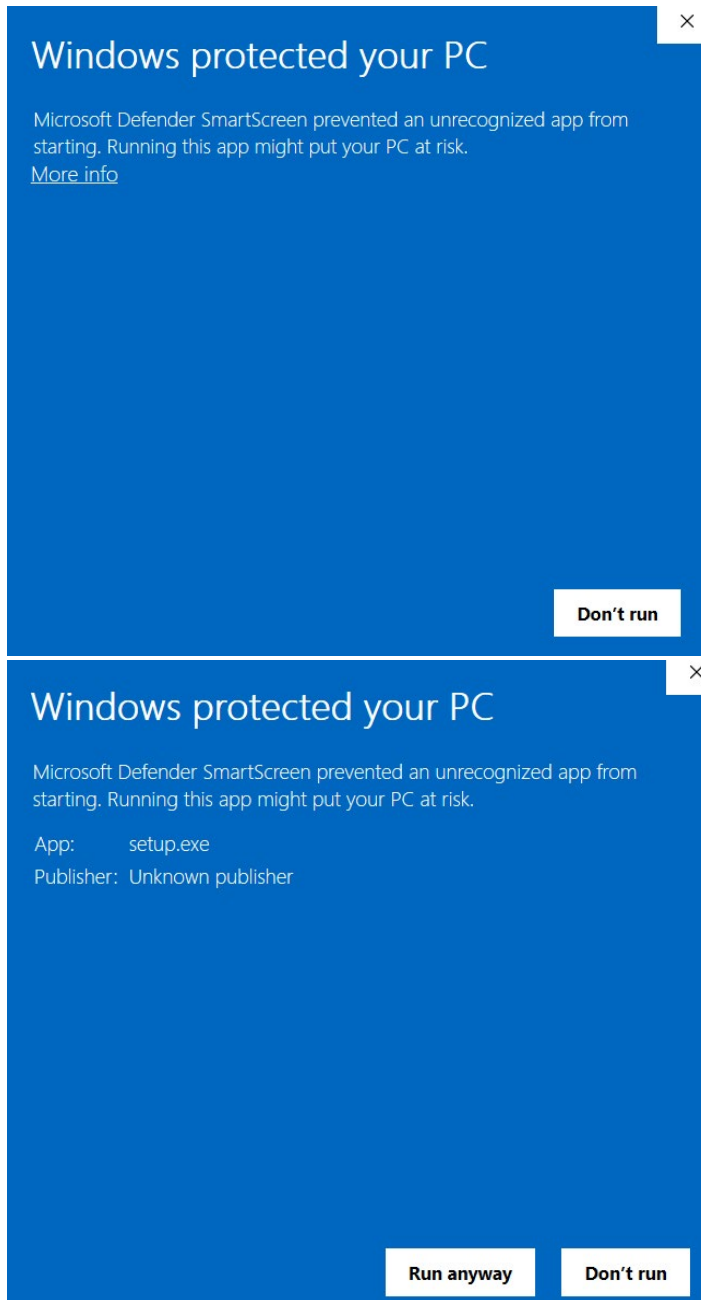
- Operating System: Windows 10 or later
- Processor: 2 GHz or faster CPU
- RAM: Minimum 4GB (8GB recommended)
- Storage: At least 500MB of free disk space
- Internet Connection: Required for installation, updates, and cloud-based features

### 2.2 Installation

1. Download the installer from the official BDT website by navigating to [[https://rfrblobstorage.blob.core.windows.net/dev-tools/DevTool\\_v105.zip](https://rfrblobstorage.blob.core.windows.net/dev-tools/DevTool_v105.zip)].
2. Locate the downloaded file in your system's Downloads folder. You should see a DevToolInstaller.exe file.



3. Run the .exe file: Double-click the DevToolInstaller.exe file to launch the installation wizard. If prompted by Windows Defender, click More Info and Run Anyway to allow the program to run the installation.



4. Follow the installation wizard instructions:
  - Choose your preferred installation directory or leave it as the default.
  - Click Install to proceed.

**Select Components**

Which components should be installed?



Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

- Microsoft .NET SDK
- Microsoft Visual C++ Redistributable

Next Cancel

**Select Additional Tasks**

Which additional tasks should be performed?

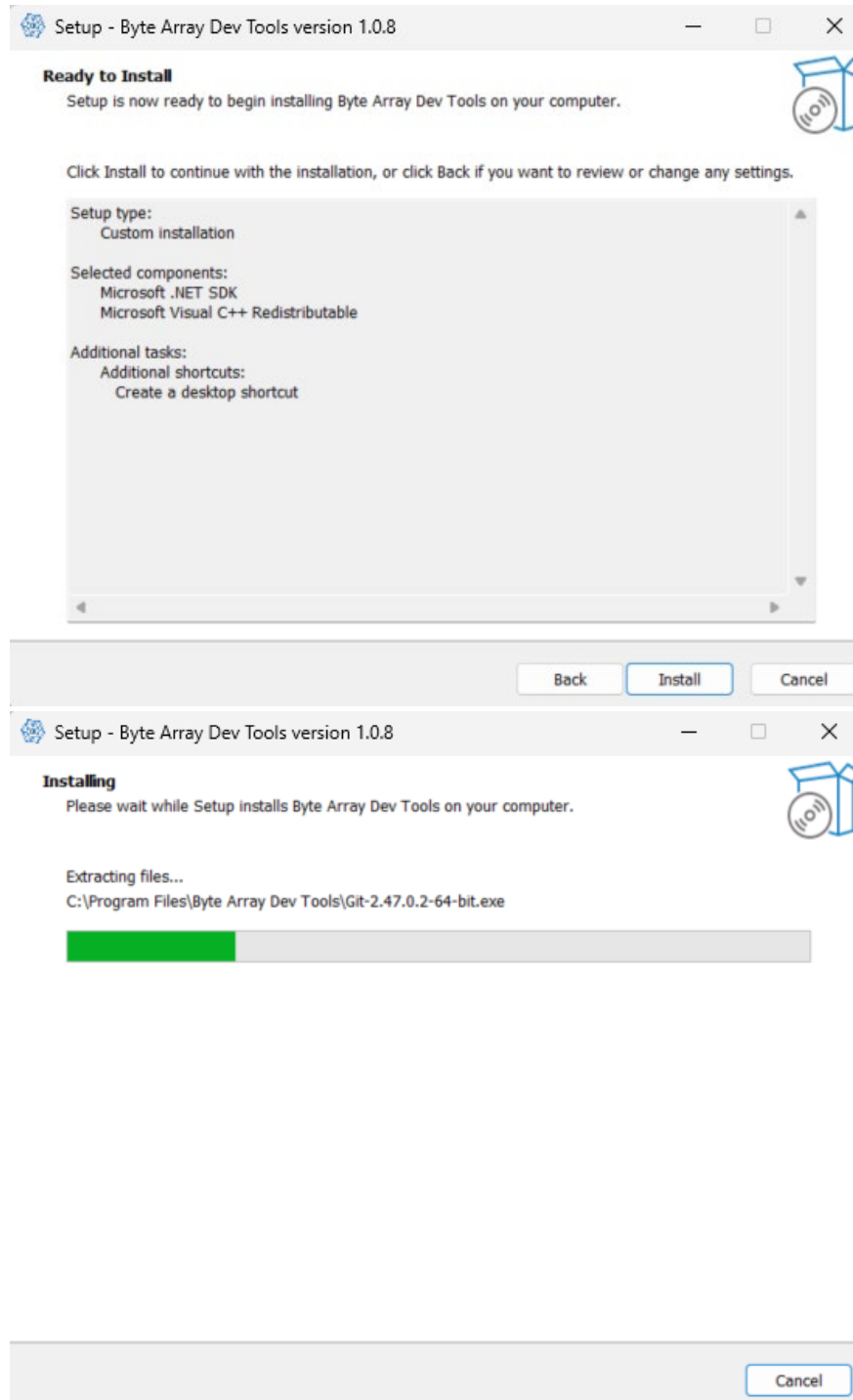


Select the additional tasks you would like Setup to perform while installing Byte Array Dev Tools, then click Next.

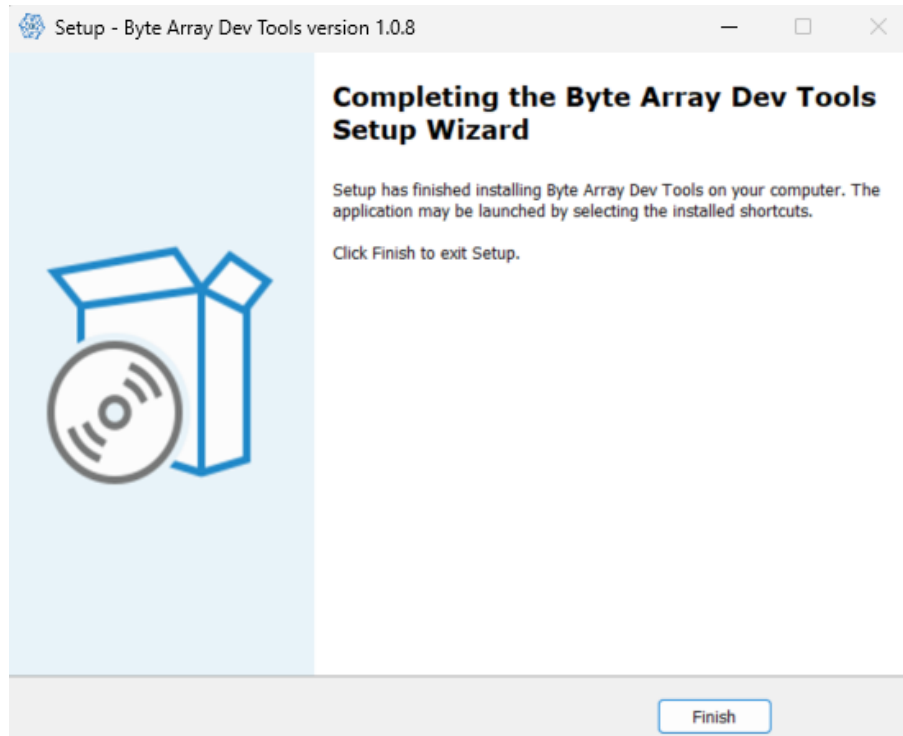
Additional shortcuts:

- Create a desktop shortcut

Back Next Cancel



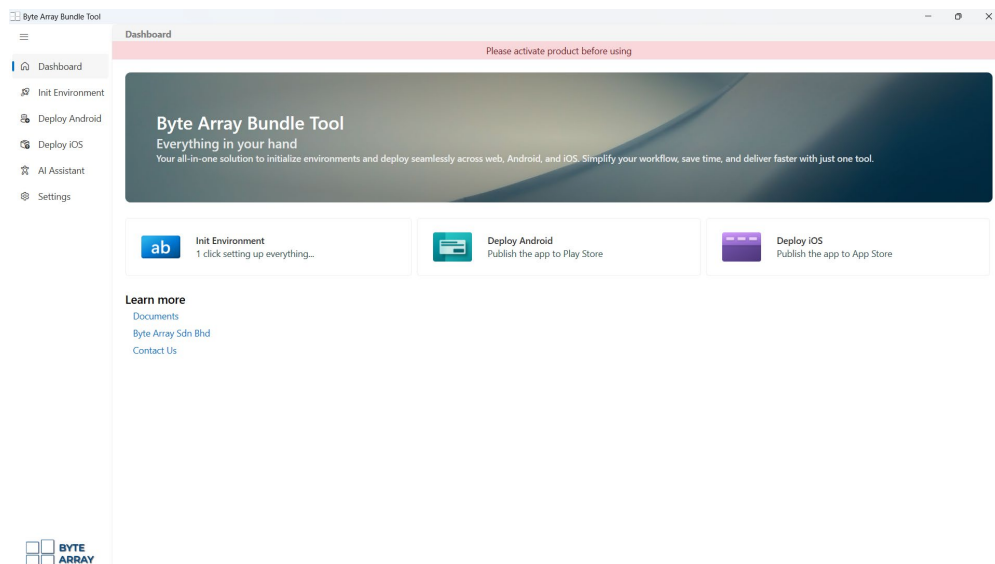
5. Finish the installation: After the installation is complete, click Finish. You can now launch BDT from your Start Menu or desktop shortcut.



## 2.3 License Setup

Since there is no need to create an account for BDT, follow the steps below to update your license key and enter essential information:

1. Open the app after installation.
2. Navigate to Settings:
  - Once the app is open, locate the Settings option, usually found in the menu bar or by clicking on the menu icon in the top-left corner of the interface.



3. Go to the License Section: In the Settings menu, click on License to access the licensing options.

Byte Array Bundle Tool

Settings

Please activate product before using

General Android iOS License

**Note** You are currently viewing the license settings for this application. To use the platform, you need to enter your license key below. You can also view your current subscription details.

License Key \*

Name \*

Email \*

Phone Number \*

**Organization Section (optional)**

Organization Name

Country

State

Address 1

Address 2

City

Postal Code

Activate Product

BYTE ARRAY

4. Enter Your License Key:

- In the License section, you will see a field where you can enter your provided license key.
- Paste or type the license key into the field.
- Enter your name, email address and phone number.

Byte Array Bundle Tool

Settings

Please activate product before using

General Android iOS License

**Note** You are currently viewing the license settings for this application. To use the platform, you need to enter your license key below. You can also view your current subscription details.

License Key \* ADDGH-XXK4Q2-1FN4K-G5X93-JX2YT

Name \* John

Email \* john@gmail.com

Phone Number \* 0121231234

**Organization Section (optional)**

Organization Name

Country

State

Address 1

Address 2

City

Postal Code

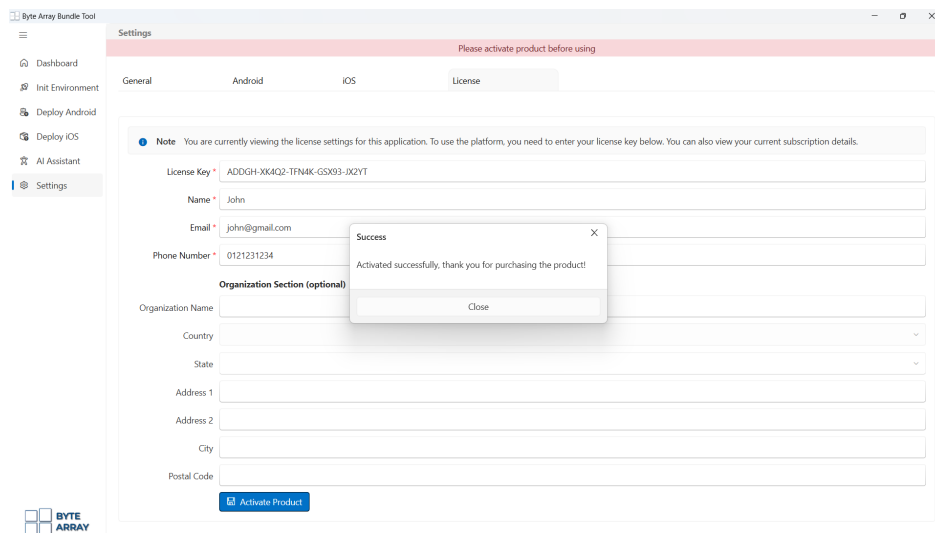
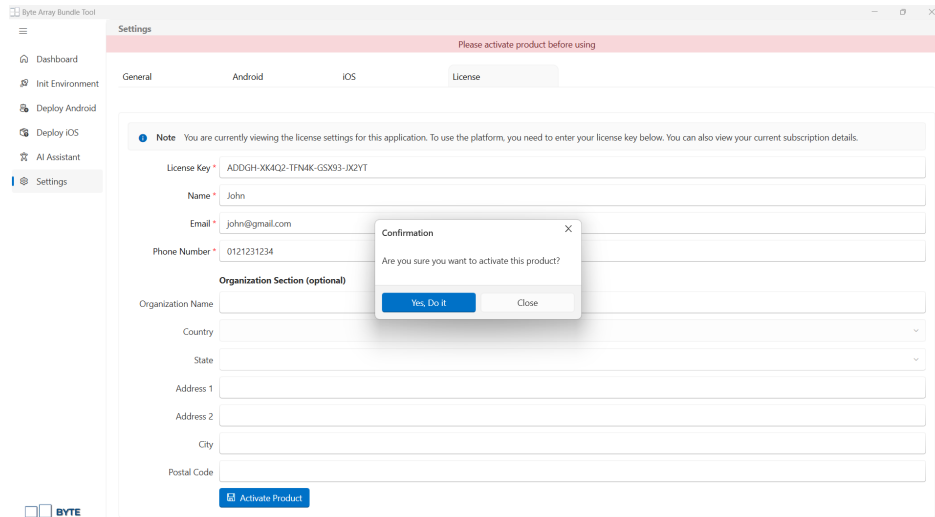
Activate Product

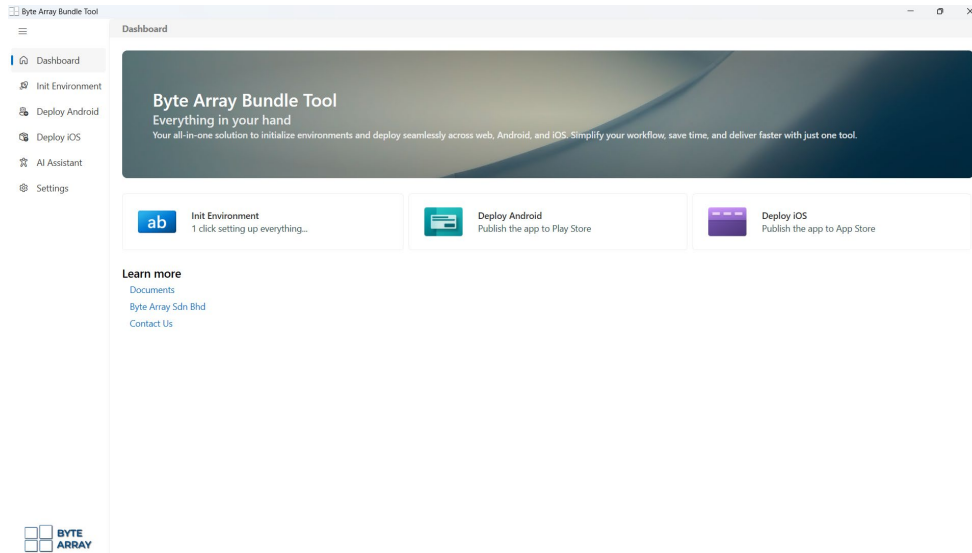
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5. Update Additional Information:

- After updating the license key, you may be prompted to provide some additional information, such as:
  - Organization Name
  - Organization Address

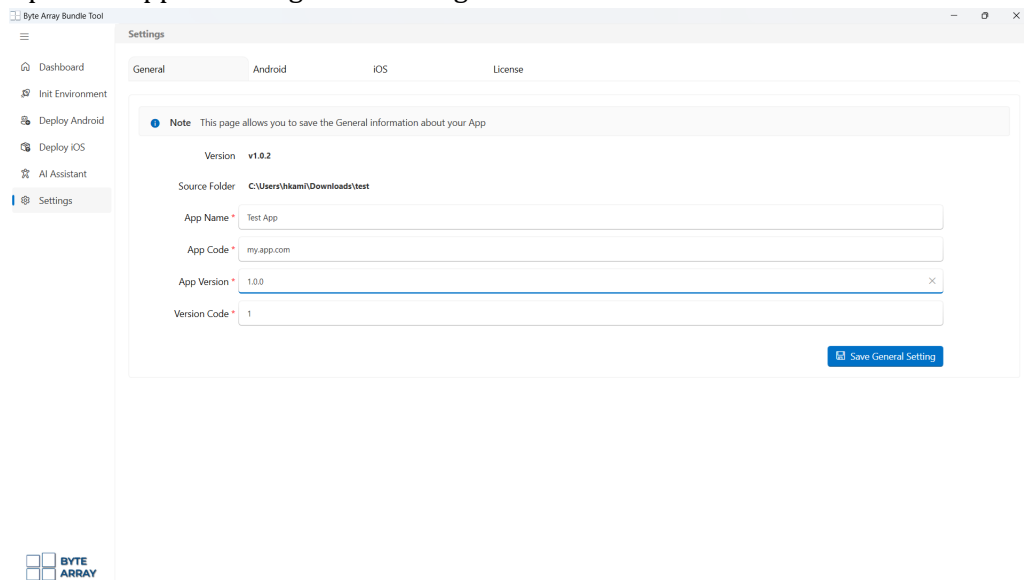
6. Save Changes: Once the license key and any additional information are entered, click **Activate Product** to finalize your changes.





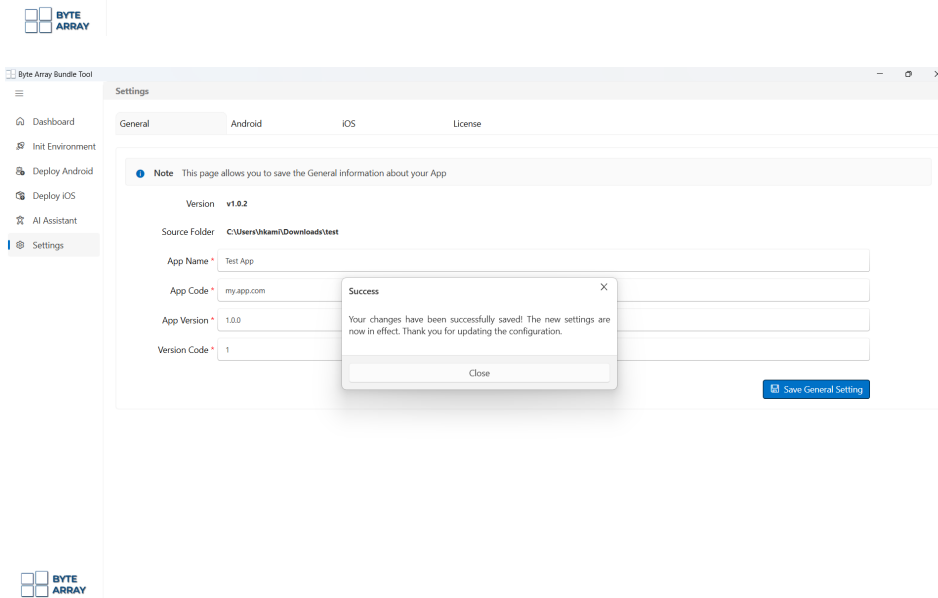
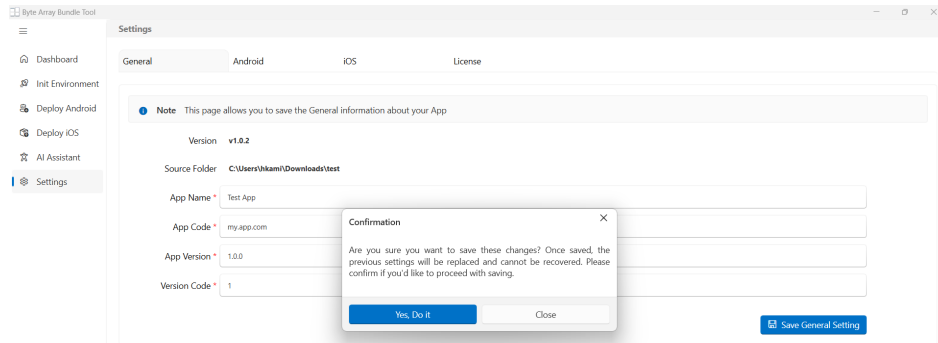
## 2.4 General App Setup

1. Open the app and navigate to Settings > General Information.



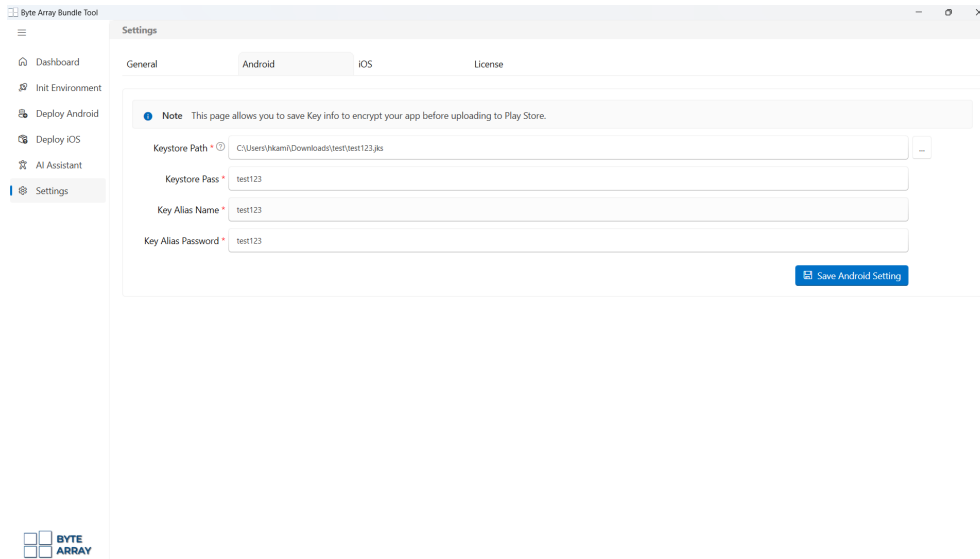
2. Fill in the following fields:
  - App Name: Enter the official name of your app as it will appear in the store.
  - App Code: Provide a unique identifier for your app, typically used internally for development.
  - App Version: Specify the current version number of your app to reflect any updates or changes.
  - Version Code: Set a numerical value used to differentiate versions of your app for updates.
3. Save the details by clicking Save or Apply.



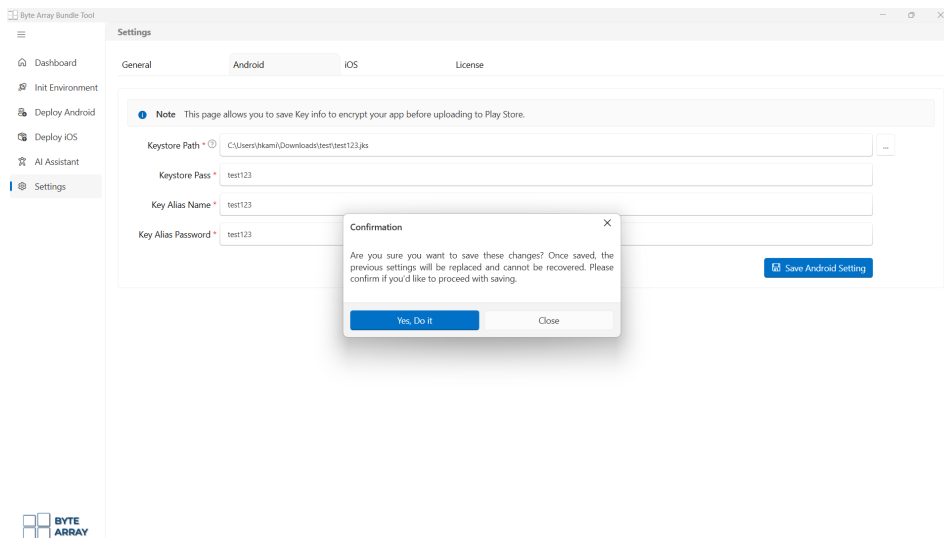


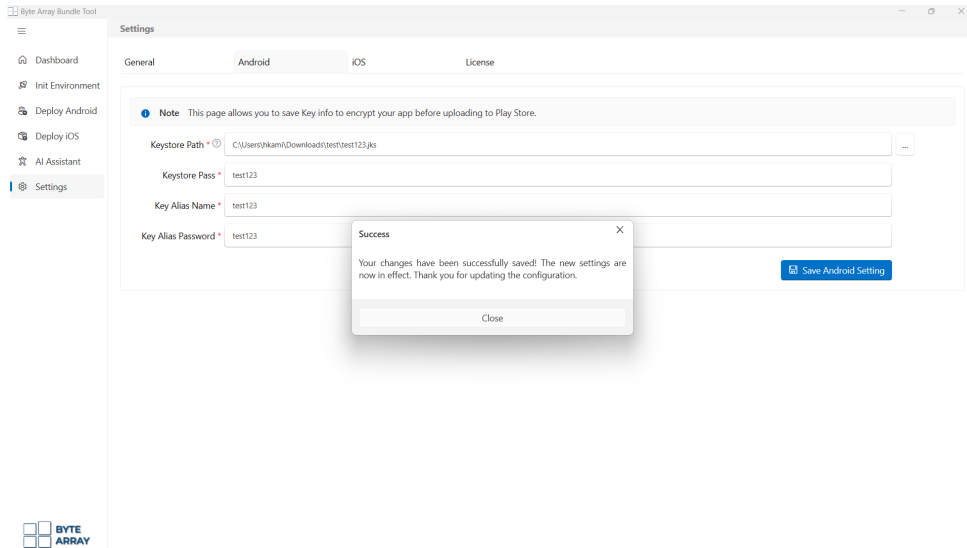
## 2.5 Android Setup

1. Open BDT and navigate to Settings > Android Settings.



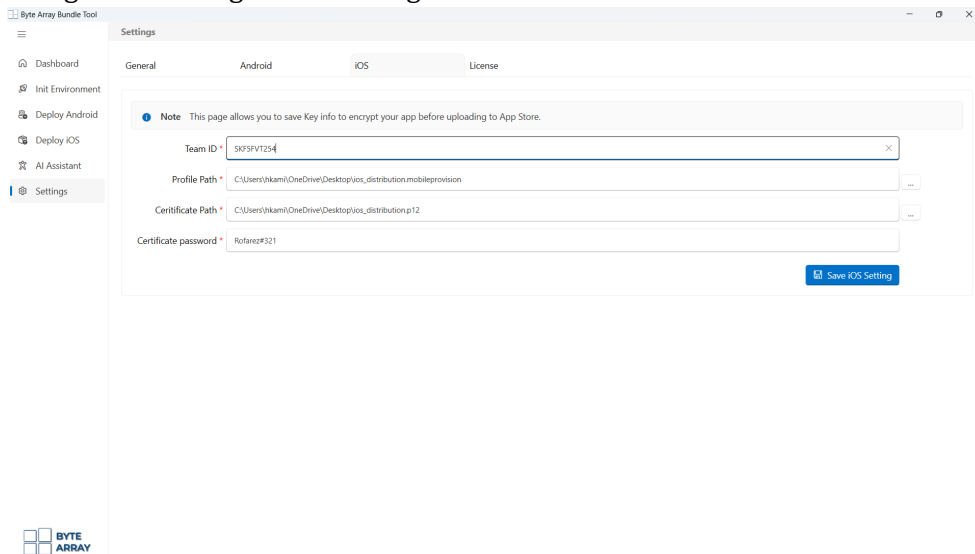
2. Provide the following information for Android app encryption and signing:
  - Keystore Path: Enter the file path for your keystore. This file contains your private keys for signing the APK.
  - Keystore Pass: Provide the password used to protect the keystore.
  - Key Alias Name: Enter the unique identifier for the key within the keystore, which is used to sign your APK.
  - Key Alias Password: Enter the password for the specific key within the keystore to ensure authorized access.
3. Click Save to store the settings.



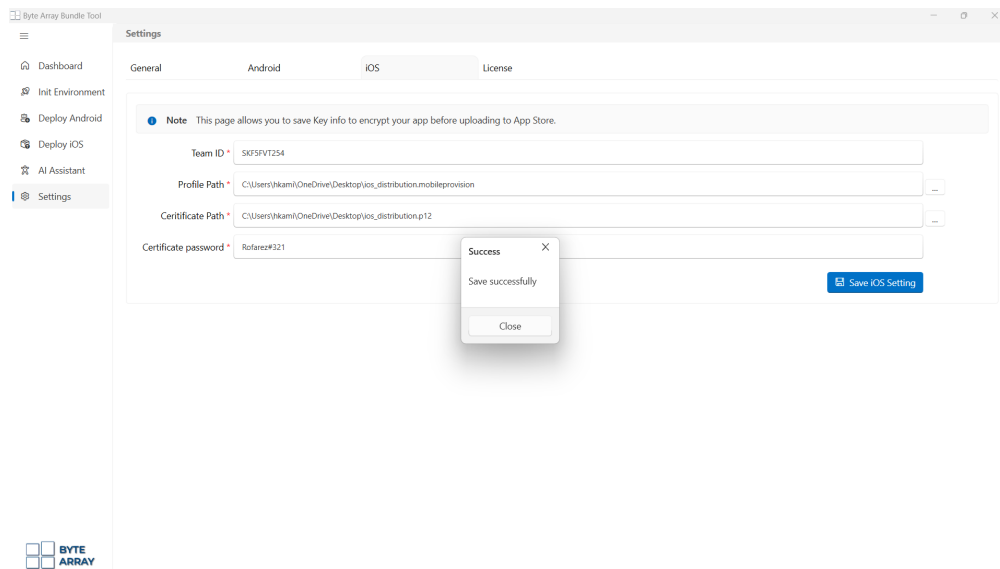


## 2.6 IOS Setup

### 1. Navigate to Settings > iOS Settings in BDT.



2. Provide the necessary details to encrypt and sign your iOS app:
  - Team ID: Enter your Apple Developer Team ID.
  - Profile Path: Provide the file path for the provisioning profile used for app signing.
  - Certificate Path: Enter the location of your distribution certificate.
  - Certificate Password: Input the password used to secure your distribution certificate.
3. Save your iOS settings by clicking Save.

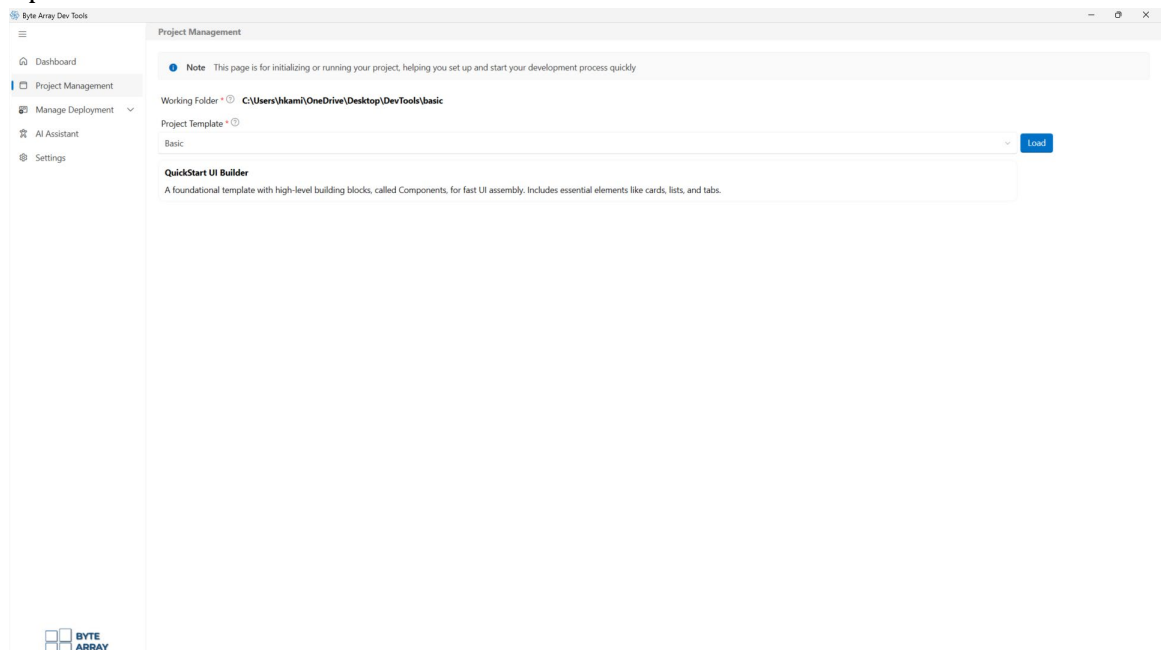


## 3. Features Overview

### 3.1 Project Management

The Project Management page in BDT helps you initialize or run your project, setting up the necessary tools and environments to start development quickly.

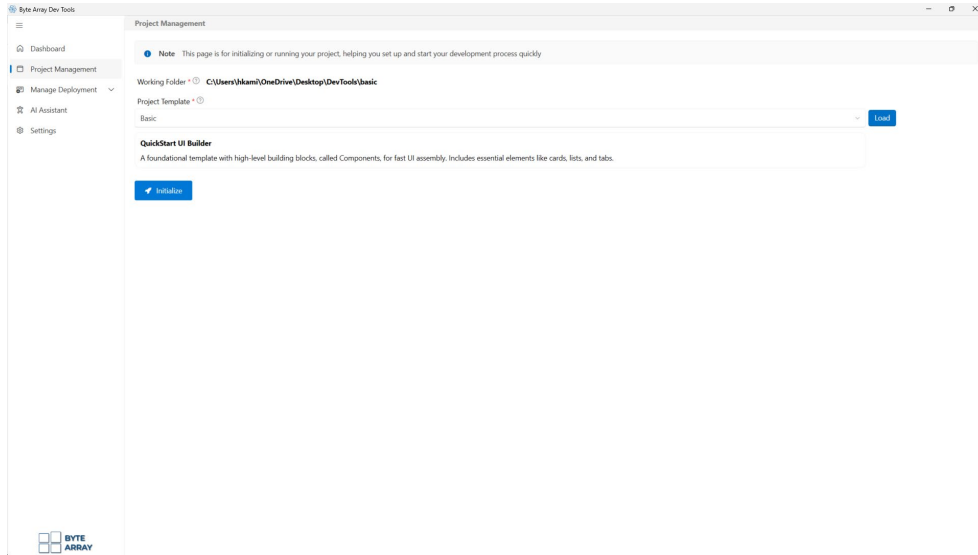
1. Open BDT and select Init Environment from the main menu.



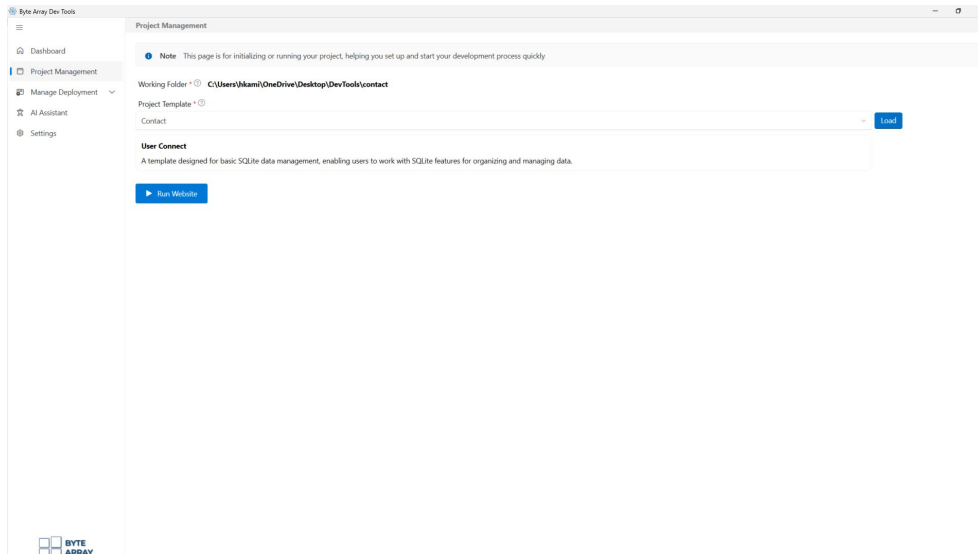
2. Select the project template that you want to use and click Load.

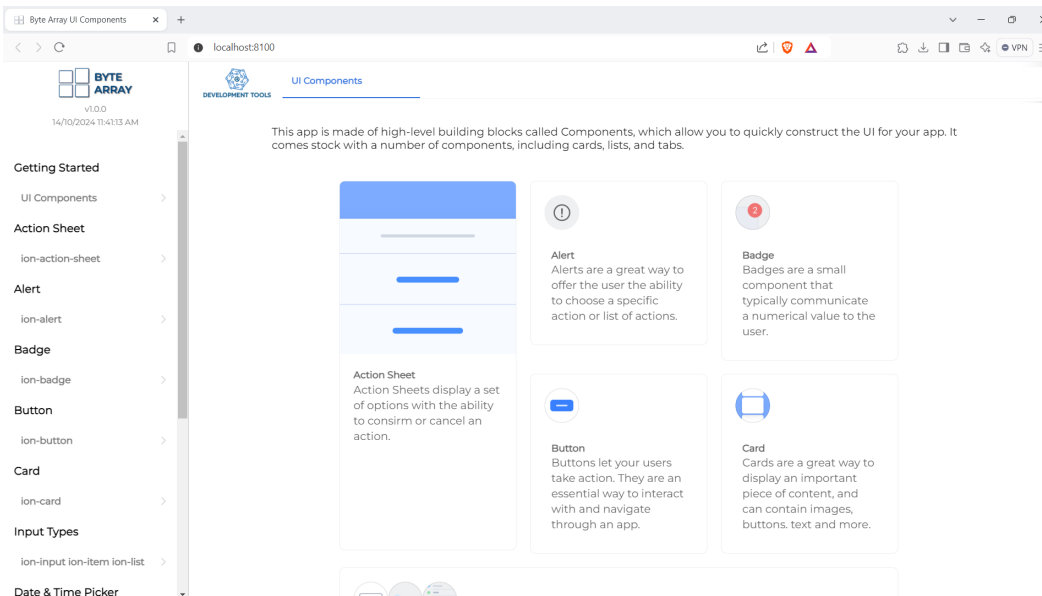
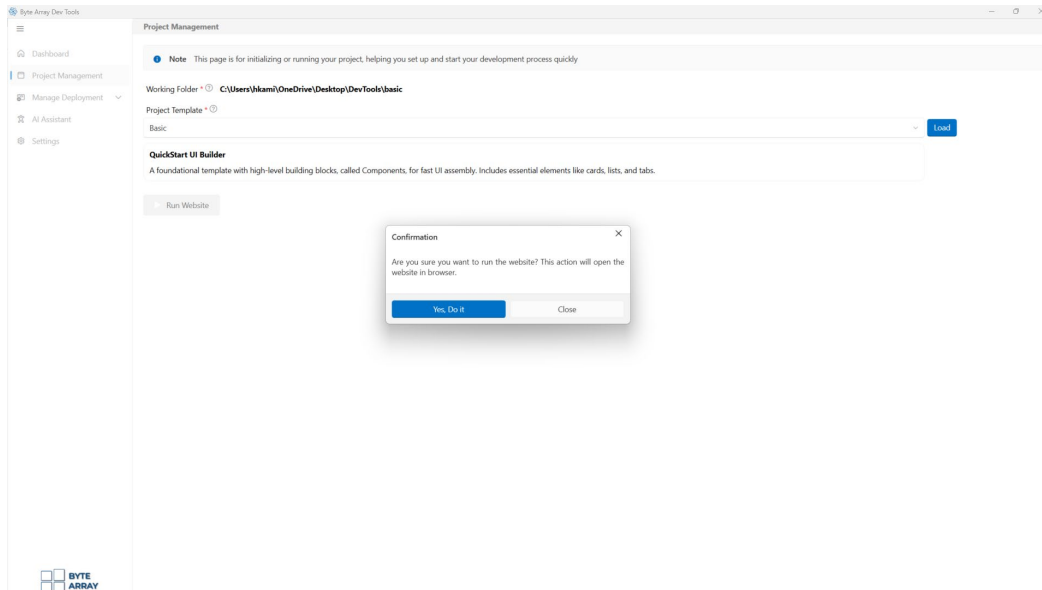
3. Your working folder will be automatically filled out with your root folder and the selected template name.
- Root Folder: `C:\Users\hkami\OneDrive\Desktop\DevTools`
  - Template Name: `basic`
  - Working Folder: `C:\Users\hkami\OneDrive\Desktop\DevTools\basic`

If the working folder is empty, the initialize button will appear for you to start initializing that project template.



If the working folder exists, the run website button will appear for you to start running the website.

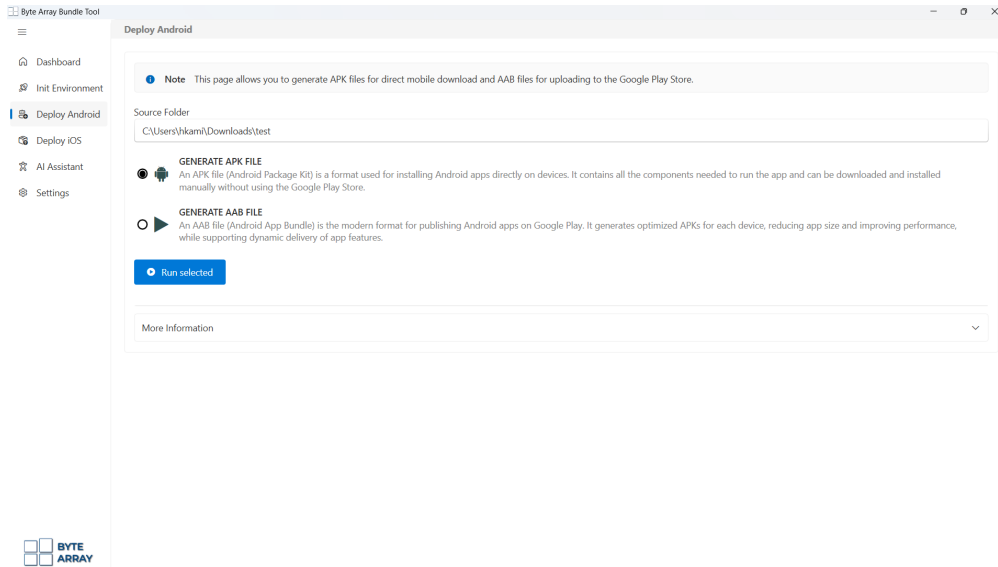




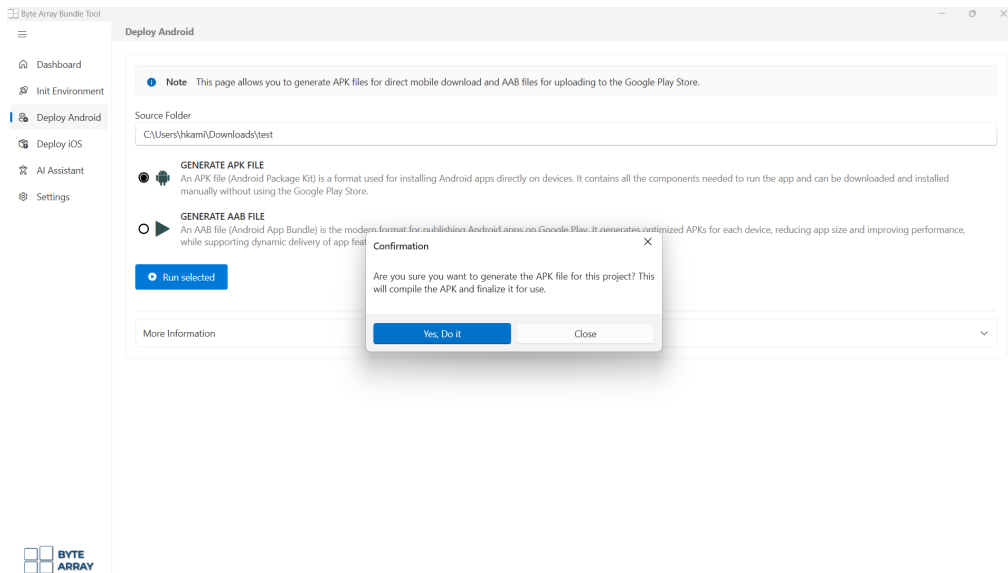
## 3.2 Android Deployment

The Android Deployment feature allows you to generate the files needed for Android app distribution.

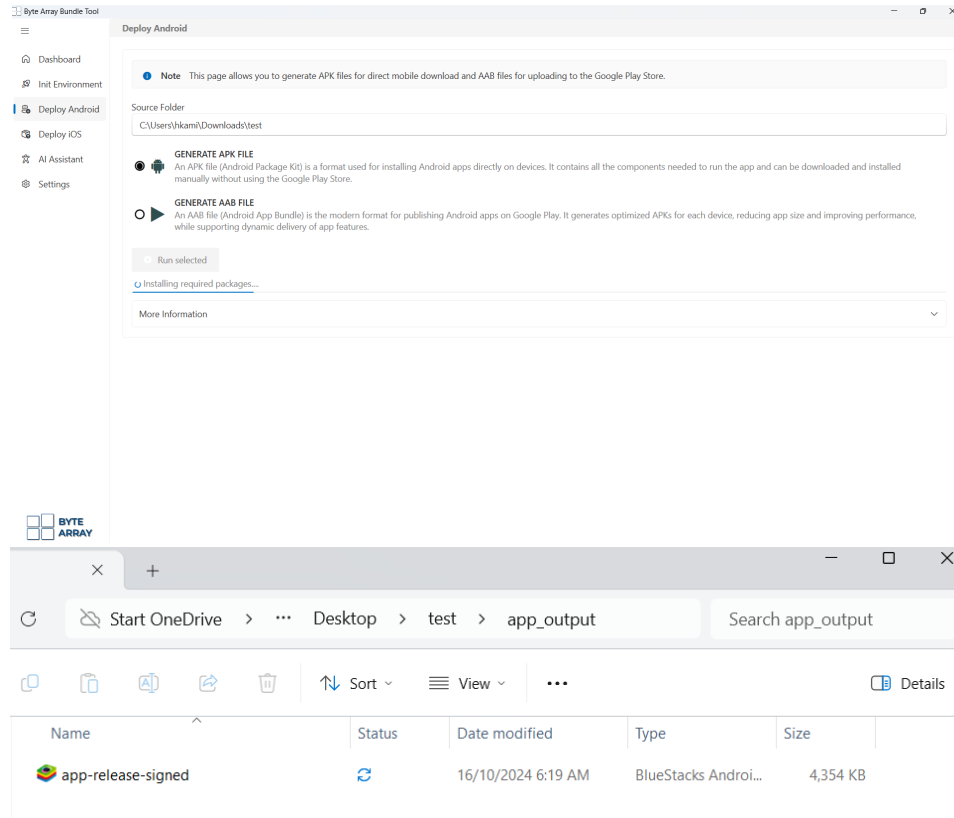
1. Navigate to Android Deployment from the main menu.
2. Select the target folder where your project files are located.



3. Choose whether you want to generate an APK (for direct mobile download) or an AAB (for uploading to Google Play Store).
4. After making your selection, click Run Selected to start the deployment process.



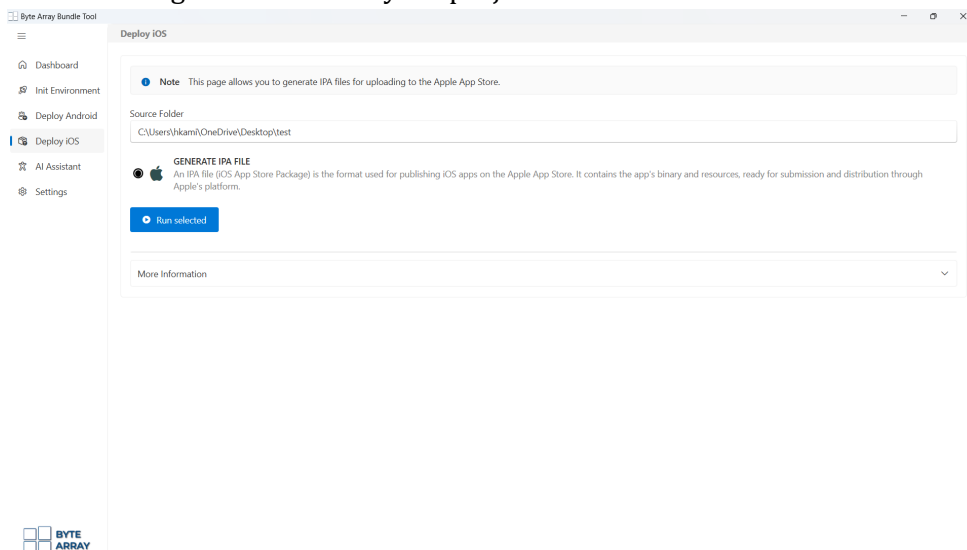
5. BDT will automatically handle the rest—no additional configuration is needed.



### 3.3 iOS Deployment

The iOS Deployment feature helps you prepare and generate IPA files for app distribution on the Apple App Store.

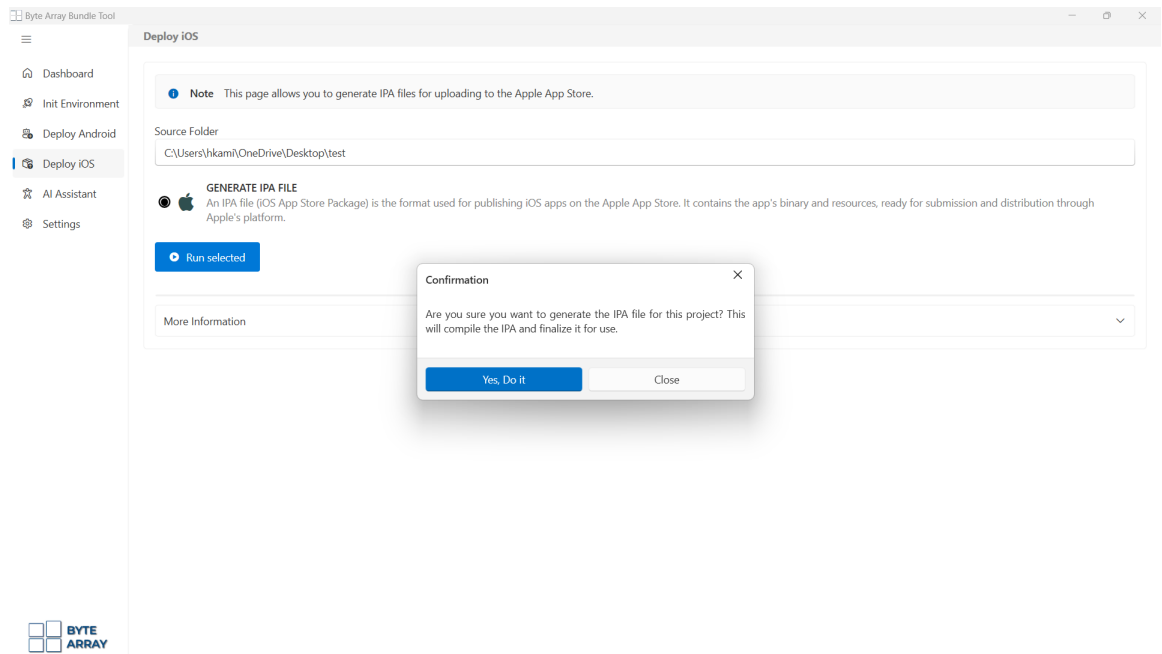
1. Navigate to iOS Deployment from the main menu.
2. Select the target folder where your project files are located.



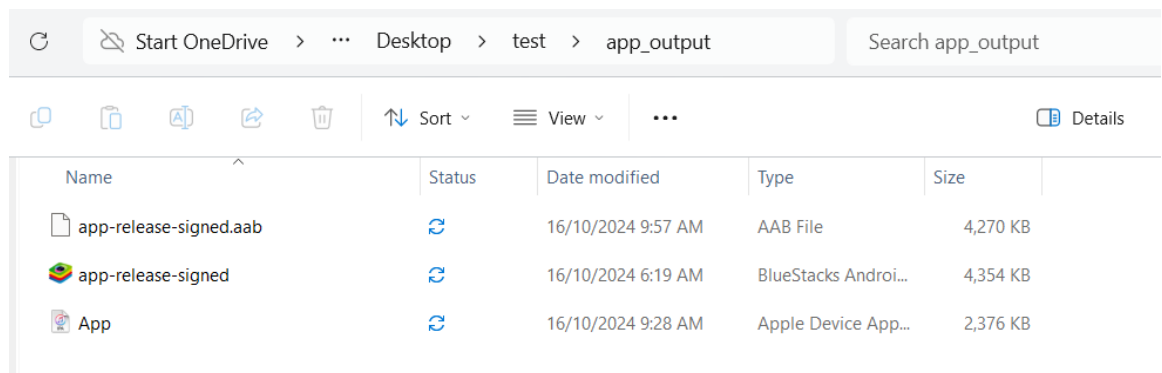
3. Choose the IPA option to generate an IPA file, which is required for submitting to the Apple App Store.



4. Click Run Selected to initiate the deployment process.



5. BDT will automatically handle the necessary steps—no additional configuration is needed.



### 3.4 AI Assistant

The AI Assistant in BDT is designed to provide support and streamline your development process by offering real-time assistance.

1. Navigate to the AI Assistant from the main dashboard or menu.
2. Use the assistant to:
  - Ask about errors: If you encounter any issues during development or deployment, you can describe the error, and the AI Assistant will provide troubleshooting steps or solutions.

- Request code assistance: Ask the AI Assistant to help write code snippets, suggest improvements, or generate code for specific functionalities.
  - Get development advice: Seek recommendations on best practices, optimization techniques, or tips for your project.
3. Type your query or request in the input field and click Submit. The AI Assistant will analyze your input and provide relevant information or code.

