

# Steps To Run Project

## Project Structure

Jodetx/

```
├── flutter_aar_module/    <-- Flutter module to build as AAR
|   ├── lib/
|   └── android/
├── host_flutter_app/      <-- Host Flutter app that integrates the AAR
|   ├── lib/
|   └── android/
```

## Prerequisites

- Flutter (3.x or higher)
- Android Studio or VS Code
- Android SDK
- Java 11 or 17 (for Gradle compatibility)

## Step-by-Step Instructions

### ◆ Step 1: Prepare Host App to Consume AAR

#### Download Project from GitHub Repo :

```
git clone
```

```
cd flutter_aar_module
```

```
flutter build aar
```

```
flutter_aar_module/build/host/outputs/repo/
```

### ◆ Step 2: Prepare Host App to Consume AAR




```
cd ../host_flutter_app
```

```
flutter pub get
```

```
flutter run
```

## Verifying Two-Way Communication

Once the host app is running, use the UI:

-  Send a message from AAR (Jodetx) to host (Digu) — input box
-  Host validates the origin ([JODETX\_ORIGIN]) and displays a response
-  Host can also send a reply to AAR (visible in console)

## Clean Build (optional)

If builds are failing, you can reset:

```
cd flutter_aar_module
```

```
flutter clean
```

```
flutter pub get
```

```
flutter build aar
```

```
cd ../host_flutter_app
```

```
flutter clean
```

```
flutter pub get
```

```
flutter run
```