

'Tizen 을 활용하여 IoT 쉽게 만들기'
실습 프로그램 가이드



'Tizen 을 이용하여 IoT 만들기' 실습프로그램 설치 가이드

1. Java SE Development Kit 8u144 설치[\[다운로드\]](#)

1.1 PC 운영 체제에 맞는 버전 선택 (JDK 9 설치 불가)

2. Tizen Studio 설치[\[다운로드\]](#)

2.1 Select OS에서 알맞은 OS 선택

2.2 Tizen Studio 2.0 with IDE installer

3. Tizen Studio Installer 실행

3.1 Install 진행

3.2 Launch the Package Manager

3.3 IoT Headless 앱 개발 환경 구축을 위한 패키지 설치[\[Page4 참고\]](#)

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4. Tizen Studio 실행 > Certificate 등록하기 [\[Page6 참고\]](#)

4.1 Tools > Certificate Manager 실행하여 Certificate 생성

5. Git 설치 (PC 운영 체제에 맞는 버전 다운로드 및 설치) [\[다운로드\]](#)

6. Serial Terminal(PuTTY) 설치 (PC 운영 체제에 맞는 버전 다운로드 및 설치) [\[다운로드\]](#)

* 윈도우 외 타 플랫폼은 유사 기능 프로그램을 설치하셔도 무방합니다.

7. PL2303 Window Driver 설치: - Serial Port(PL2303)를 PC에 연결하기 위함

7.1 Windows [\[다운로드\]](#)

7.2 Mac [\[다운로드\]](#)

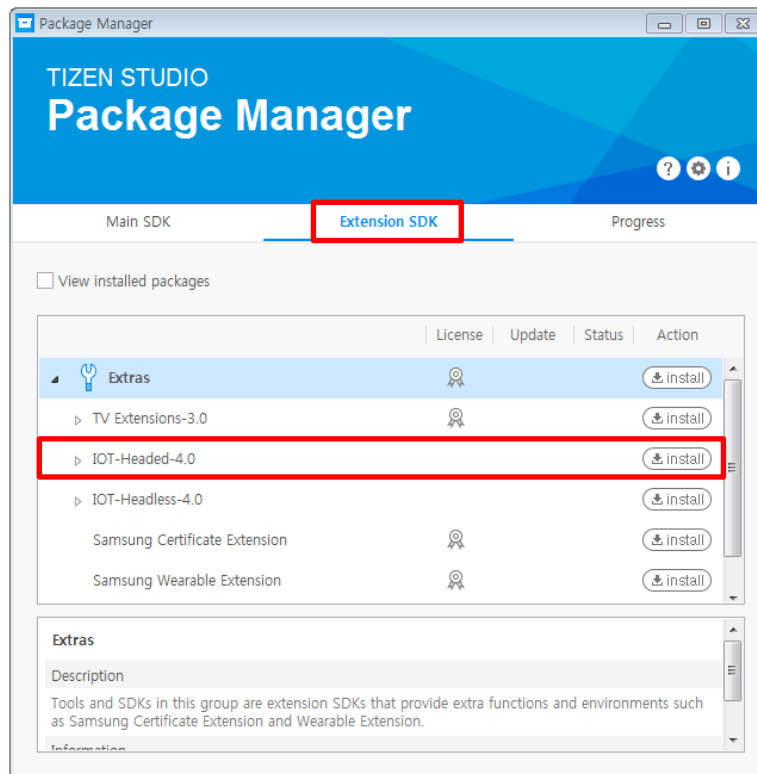
* Linux는 설치할 필요 없음

IoT Headless 앱 개발 환경 설치



IoT Headless 앱 개발 환경 설치

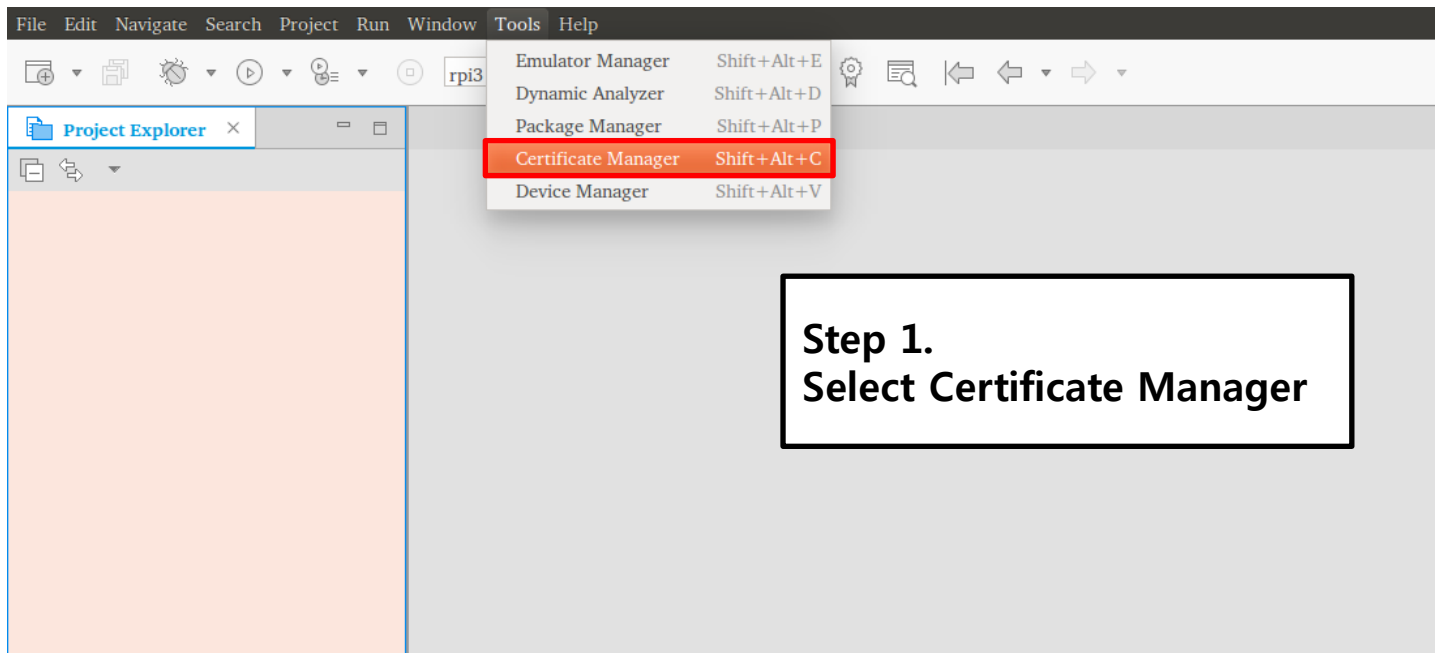
1. Package Manager 실행 > Extension SDK > IOT-Headless-4.0 설치



Tizen Certificate 등록하기



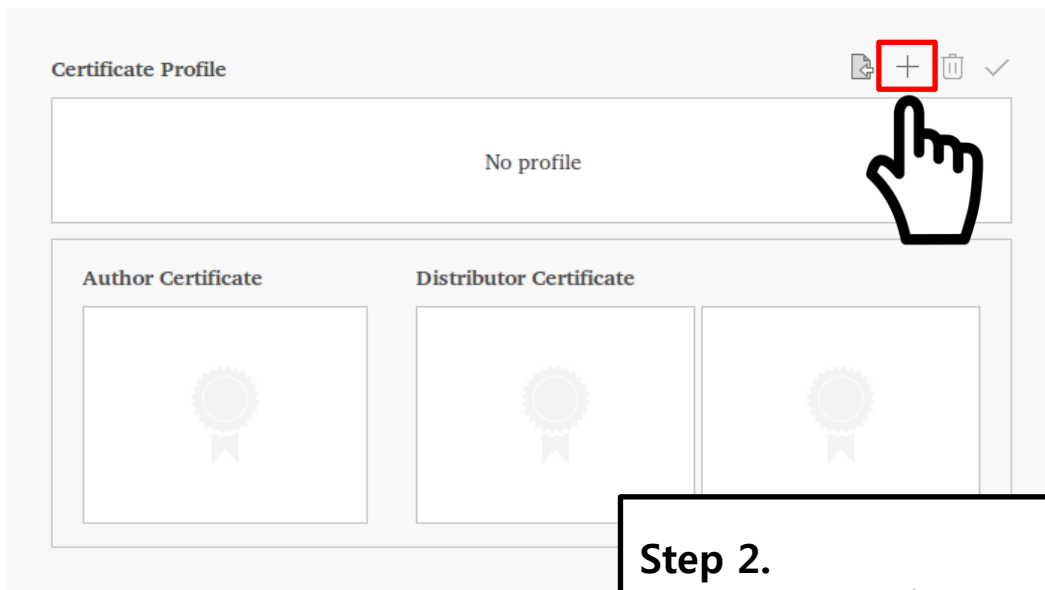
Register Tizen Certificate



Register Tizen Certificate



There is no generated certificate profile.
Click "+" button to create a new certificate profile.



Step 2.
Create a Certificate Profile

Register Tizen Certificate

Create Certificate Profile

1 Certificate Profile 2 Author Certificate 3 Distributor Certificate

The certificate profile consists of the author and distributor certificates. To distribute your application, you must create a certificate profile and sign the application with it.

Certificate profile name

test

**Step 3.
Create Certificate profile
name**

< Back Next > Cancel Finish

Register Tizen Certificate

Create Certificate Profile

1 Certificate Profile 2 Author Certificate 3 Distributor Certificate

The author certificate provides a unique signature that is used when you sign your application with a certificate profile.

Create a new author certificate

Select an existing author certificate

< Back Next > Cancel Finish

Create Certificate Profile

1 Certificate Profile 2 Author Certificate 3 Distributor Certificate

Create a new author certificate. The fields marked with * are mandatory.

Key filename*

Author Name*

Password*

Confirm password*

More details

< Back Next > Cancel Finish

Step 4. Create Author Certificate

The Author certificate is used to upload your application to the store

*** Must keep the certificate securely**

Register Tizen Certificate

Create Certificate Profile

✓ Certificate Profile > ✓ Author Certificate > 3 Distributor Certificate

A distributor issues a certificate of its own to developers. And the distributor checks if an application submitted to its app store includes its distributor certificate.

Use the default Tizen distributor certificate
The Tizen Studio offers a default Tizen distributor certificate, which you can use to submit your application to the Tizen Store.

Privilege level Public (Default) ▾

You can use only public level APIs.

Select a distributor certificate for an another app store
If you own a distributor certificate for another app store, and want to submit your application to the Tizen Store, you need to create a distributor certificate profile.

> Cancel Finish

Step 5. Create Distributor certificate

The Distributor certificate used for testing on Tizen devices.

Register Tizen Certificate

