

**'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

## 2. Tizen Studio 설치[\[다운로드\]](#)

2.1 Select OS에서 알맞은 OS 선택

2.2 Tizen Studio 1.2 with IDE installer

## 3. Tizen Studio Installer 실행

3.1 Install 진행

3.2 Launch the Package Manager

3.3 Native 개발환경 구축을 위한 패키지 설치[\[Page4 참고\]](#)

# 'Tizen 을 이용하여 IoT 만들기' 실습프로그램 설치 가이드

## 4. Tizen Studio 실행 > Certificate 등록하기 [\[Page10 참고\]](#)

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

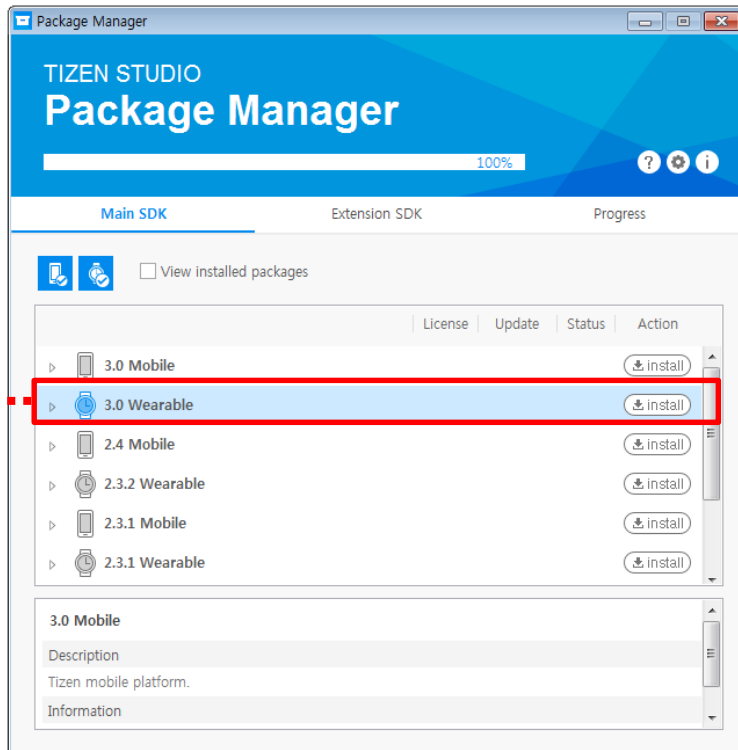
## Tizen Studio Native 개발 환경 설치



# Tizen Studio Native 개발 환경 설치

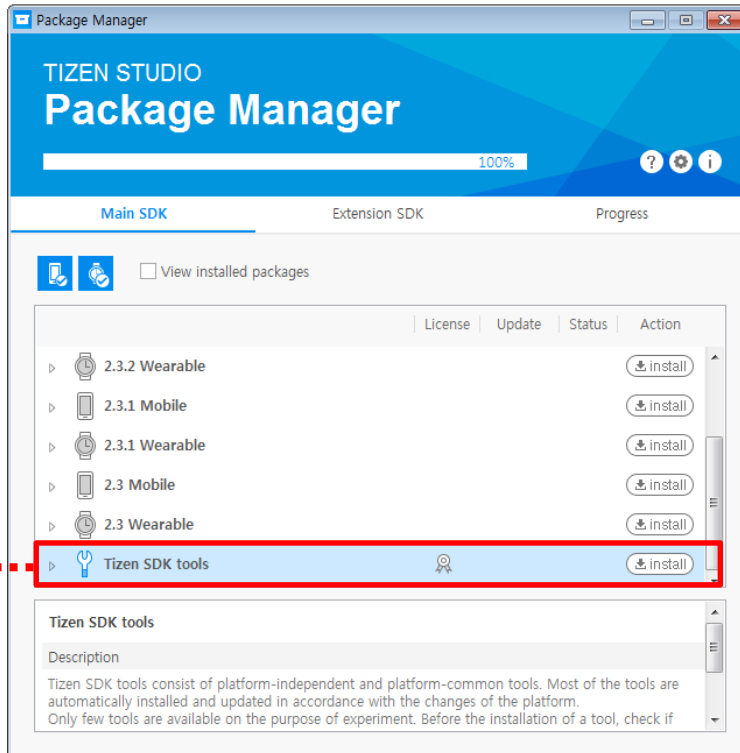
## 1. Package Manager 실행 -> 3.0 Wearable 설치

3.0 Wearable



# Tizen Studio Native 개발 환경 설치

## 2. Tizen SDK tools 설치

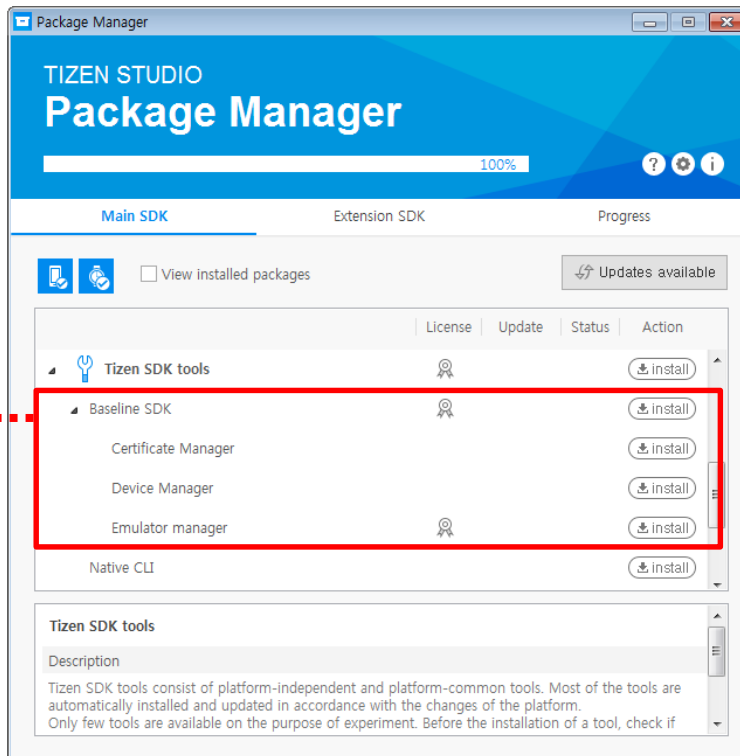


Tizen SDK tools

# Native 개발 환경 설치

## 2.1 Tizen SDK tools > Baseline SDK > Certificate/Device Manager 설치

**Baseline SDK** .....

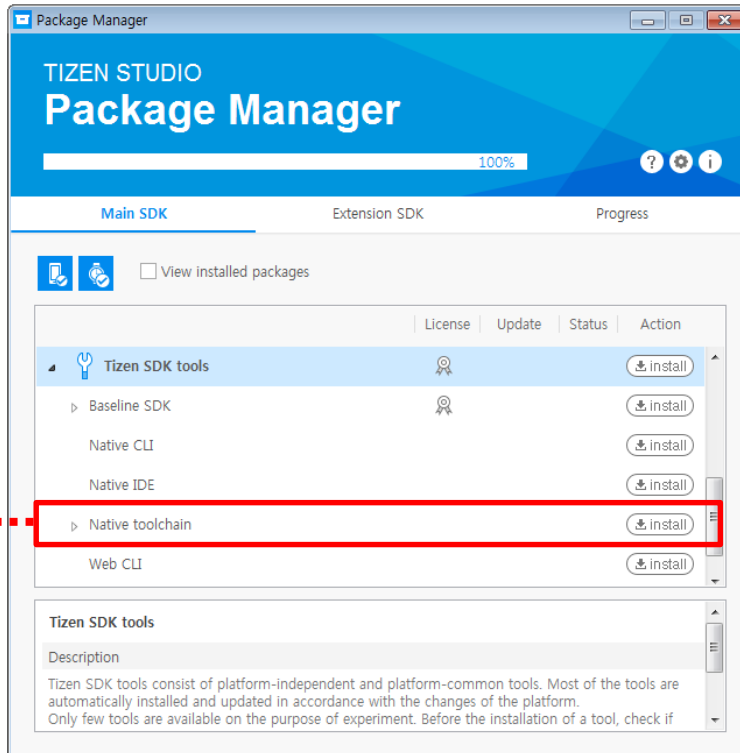


1) Tizen SDK tools 설치 후  
Baseline SDK > Certificate/Device  
Manager가 설치되어 있는지 확인

2) 설치가 되어 있지 않다면  
Certificate/Device Manager 설치

# Tizen Studio Native 개발 환경 설치

## 3. Tizen SDK tools 하위 Native toolchain 설치



**Native toolchain** .....

1) Tizen SDK tools 설치 후  
Native toolchain가 설치되어있는지 확인

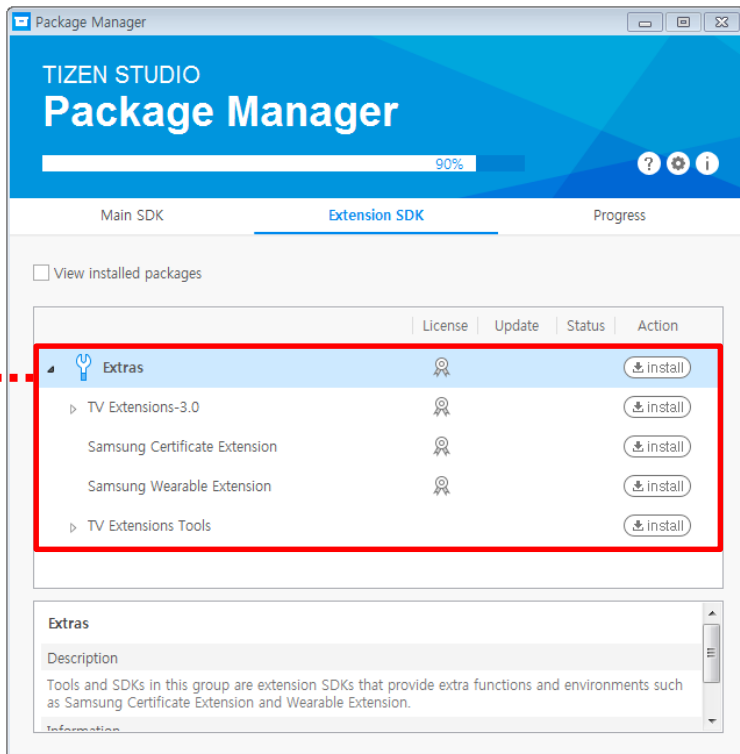
2) 설치가 되어 있지 않다면  
Native toolchain 설치



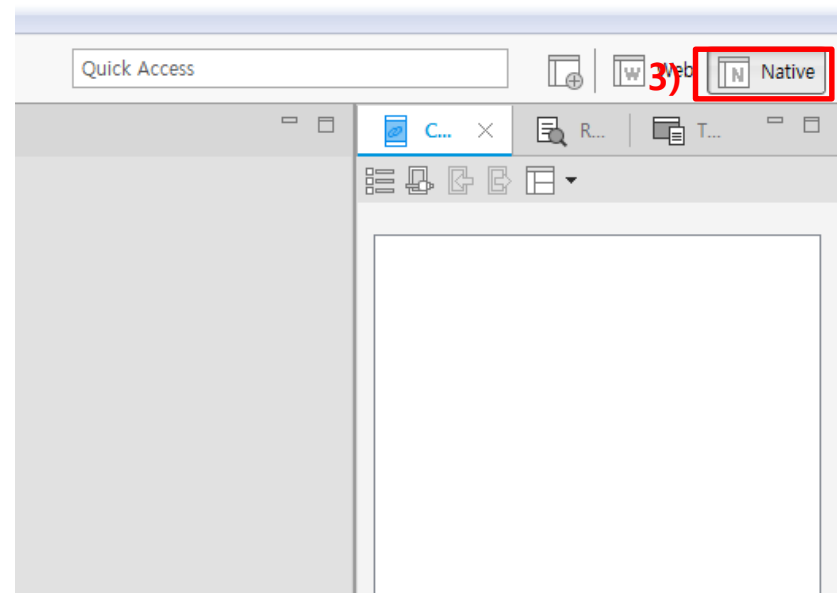
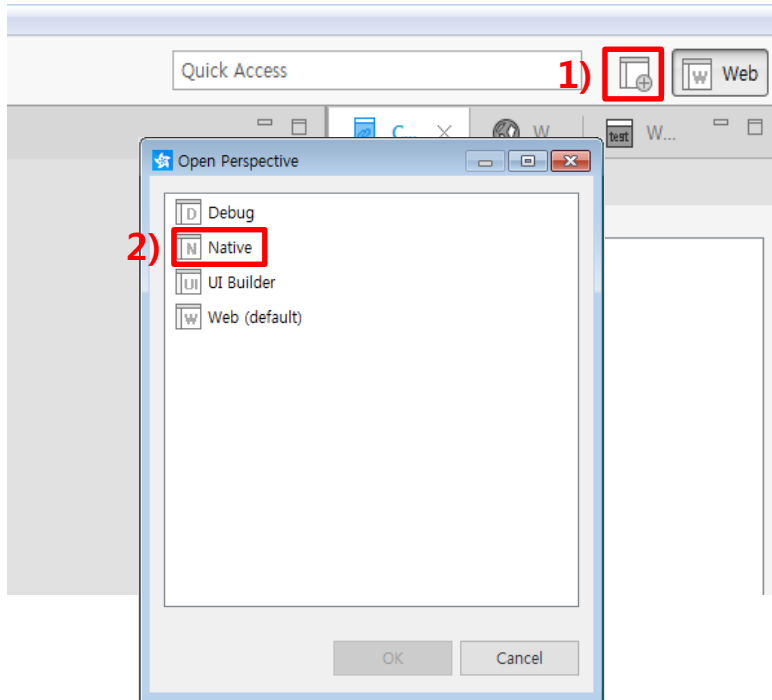
# Tizen Studio Native 개발 환경 설치

## 4. Extras 설치

Extras



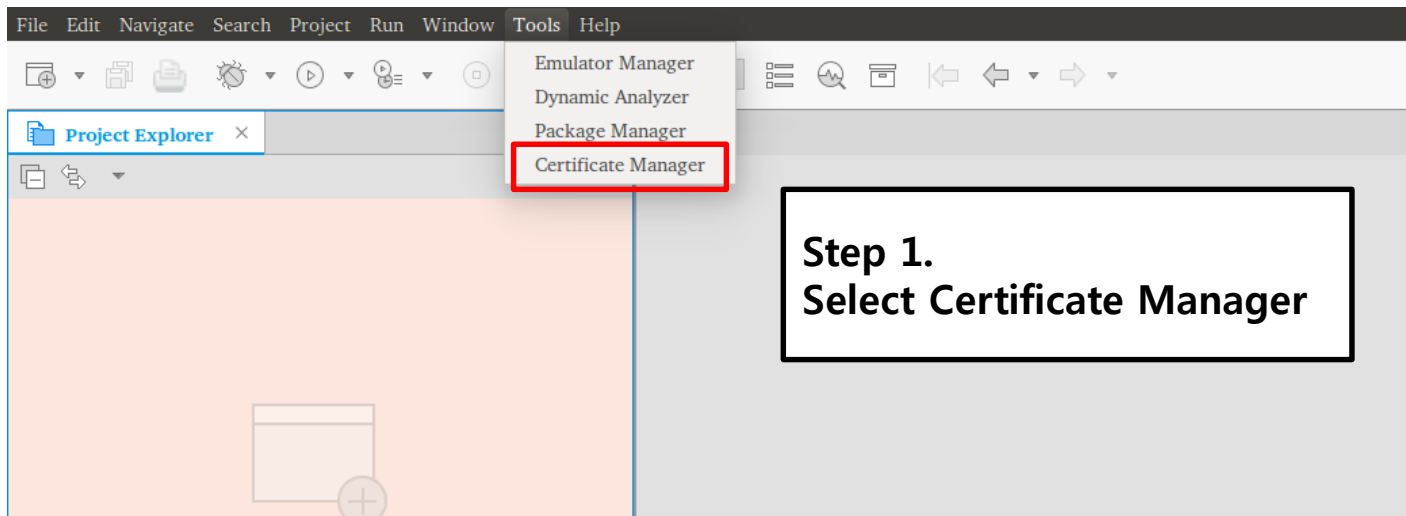
# Tizen Studio Tizen Studio Perspective 변경



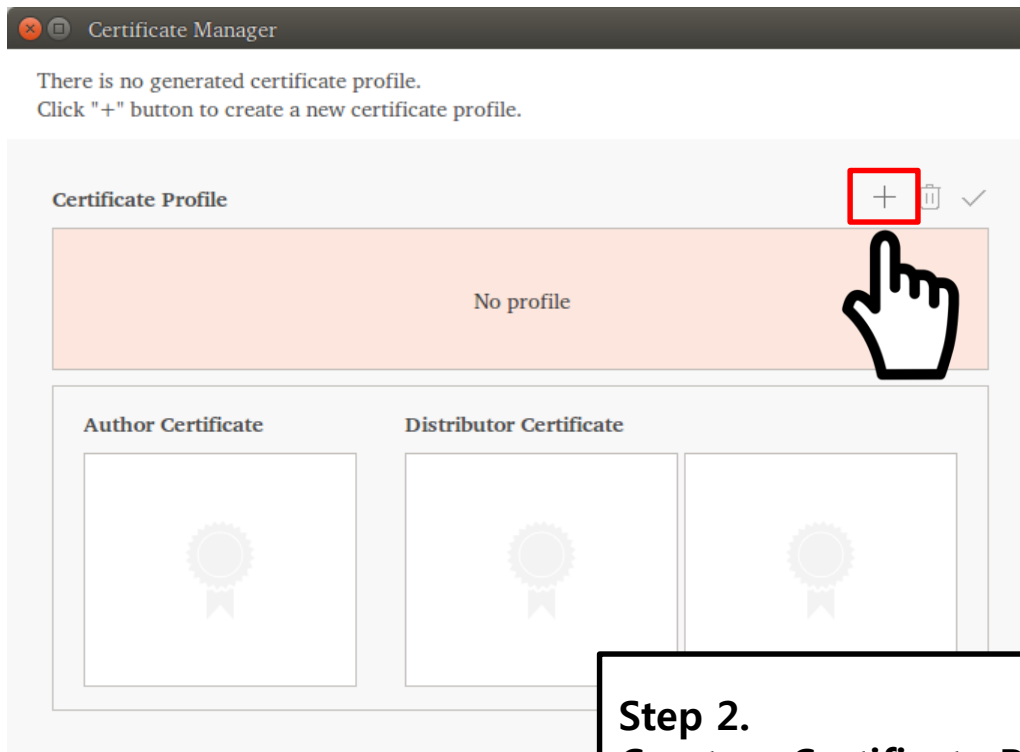
**Tizen Certificate 등록하기**



# Register Tizen Certificate



# Register Tizen Certificate



**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\* Enter the key filename

Author Name\* Enter your author name

Password\* Enter your password (at least 8 characters)

Confirm password\* Enter your password again

More details

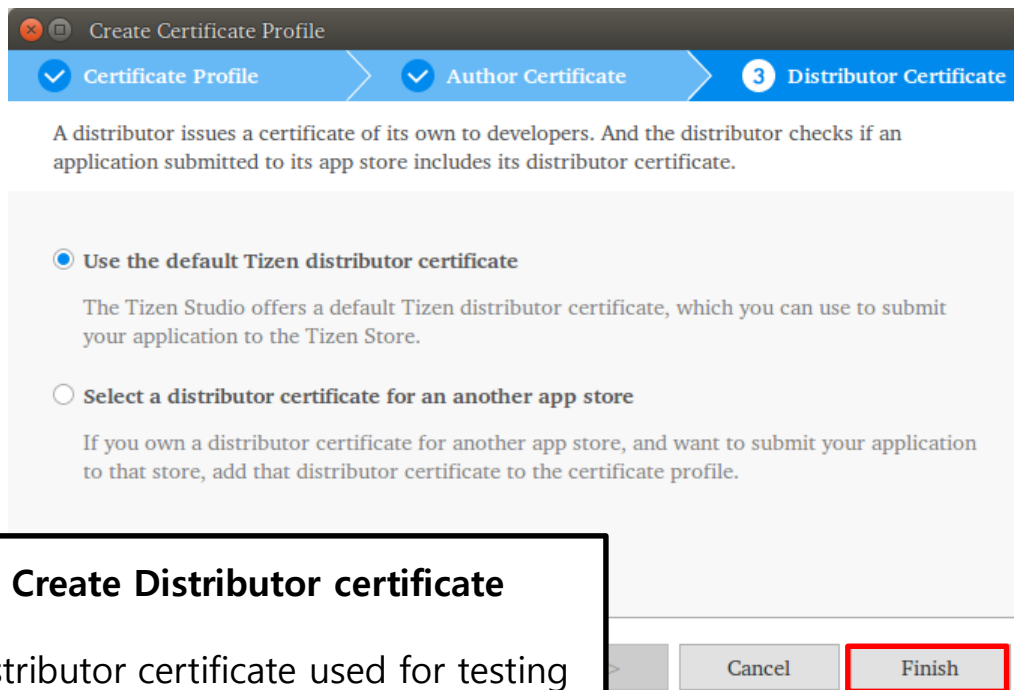
< Back Next > Cancel Finish

## 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



## Step 5. Create Distributor certificate

The Distributor certificate used for testing on Tizen devices.



# Register Tizen Certificate

