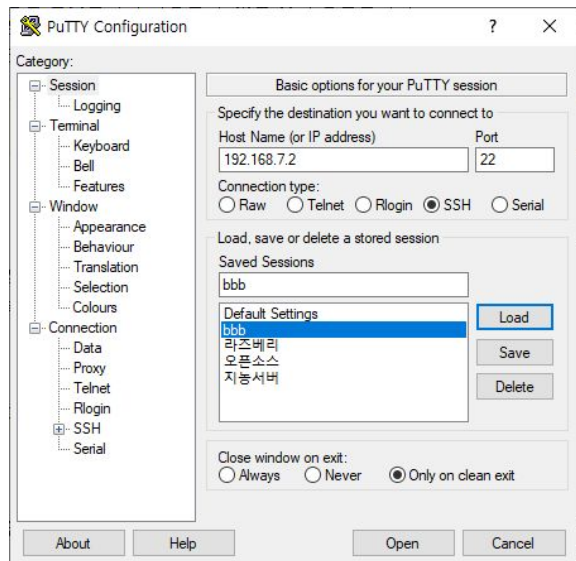




FarmOS V2

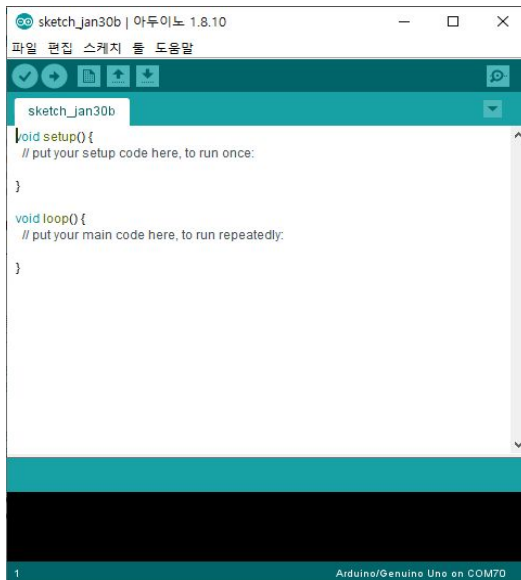
환경구성 (프로그램 설치)

필요한 파일 설치



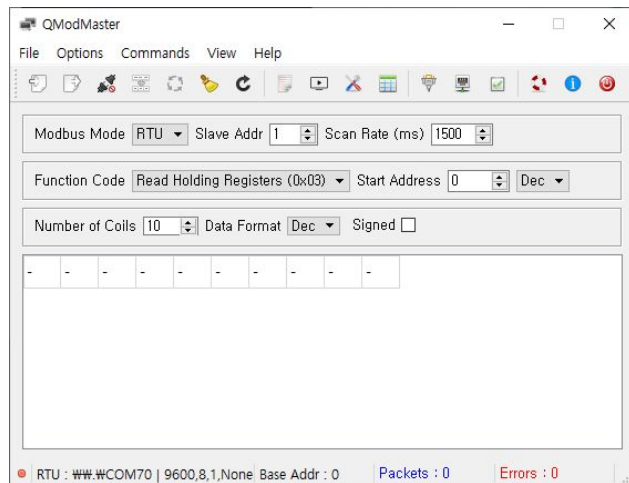
putty 다운로드

<http://www.chiark.greenend.org.uk/~sgtatham/putty/>



아두이노 다운로드

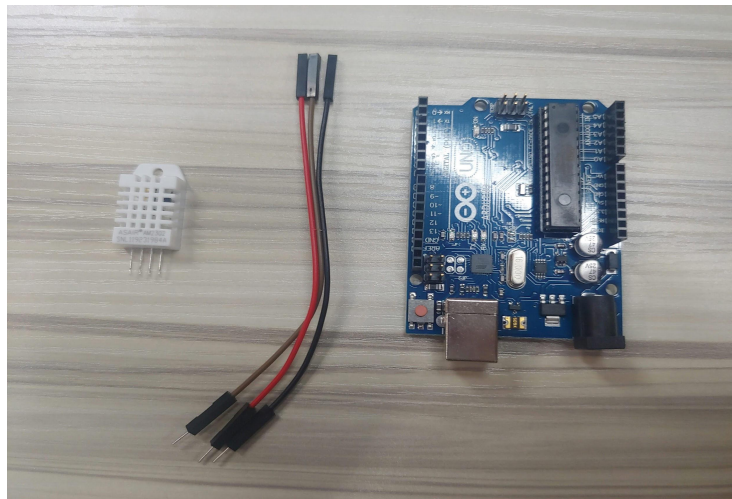
<https://www.arduino.cc/>



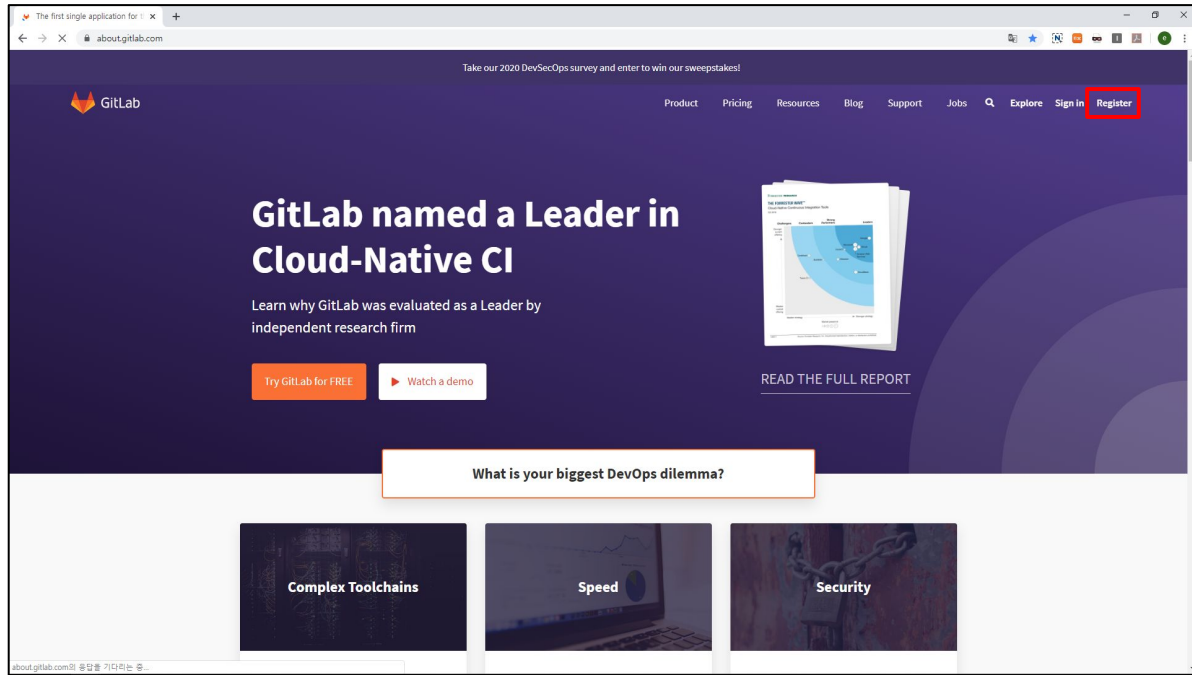
QModMaster 다운로드

<https://sourceforge.net/projects/qmodmaster/>

준비물




GITLAB ID 생성



<https://about.gitlab.com/> 접속
Register 버튼 클릭

GITLAB ID 생성



Register for GitLab

First name

이름

Last name

성

Username

닉네임

Email

이메일

Password

패스워드

Minimum length is 8 characters

☐


I accept the [Terms of Service and Privacy Policy](#)

☐

I'd like to receive updates via email about GitLab.

☐

로봇이 아닙니다.


reCAPTCHA
개인정보 보호 - 약관

Register

or

Create an account using:

 Google

 GitHub

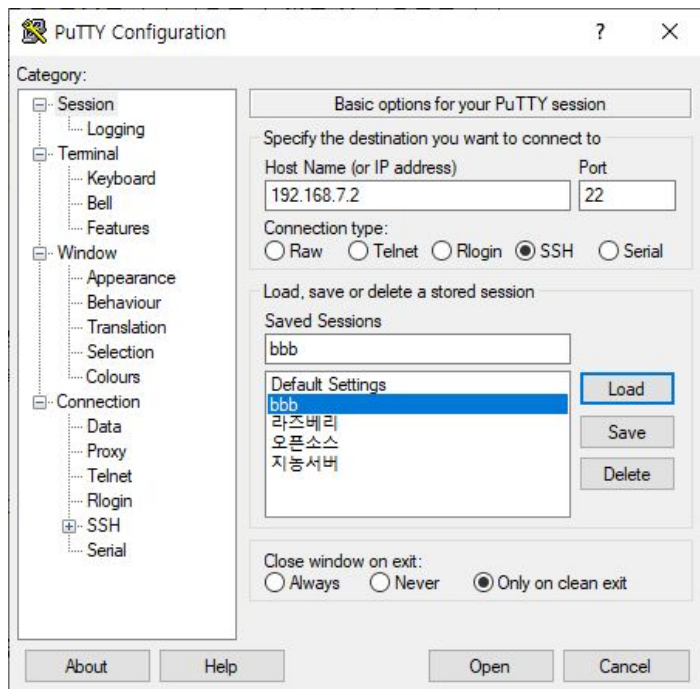
 Twitter

 Bitbucket

 Salesforce

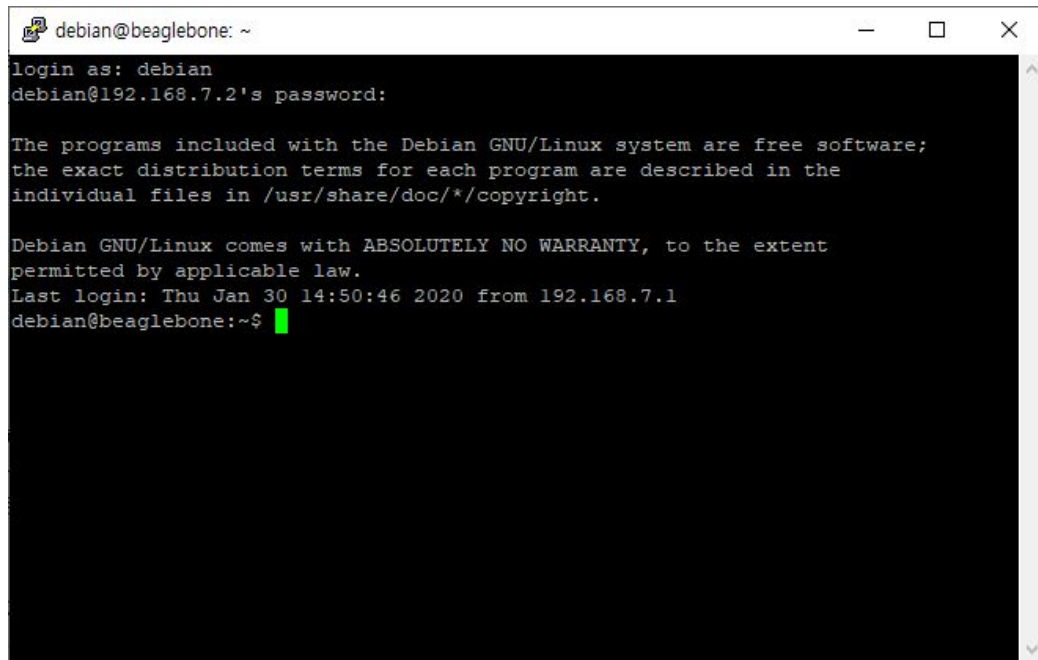
Already have login and password? [Sign in](#)

PUTTY로 BBB 접속



192.168.7.2 로 접속

BBB 로그인



```
debian@beaglebone: ~  
login as: debian  
debian@192.168.7.2's password:  
  
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
Last login: Thu Jan 30 14:50:46 2020 from 192.168.7.1  
debian@beaglebone:~$
```

ID : debian

PW : jinong1

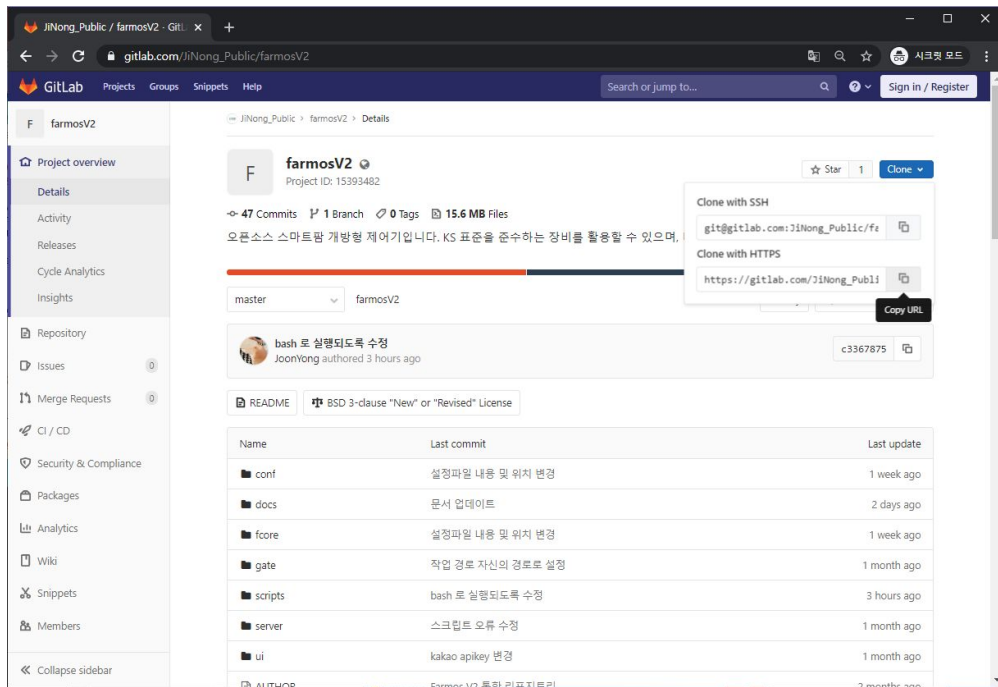
farmosV2 다운로드

The screenshot shows the GitLab interface for the 'JiNong_Public' group. The left sidebar contains navigation links: Group overview, Details, Activity, Issues (3), Merge Requests (0), and Members. The main content area shows the group details, including the group name 'JiNong_Public' and ID '3583249'. Below this, there's a description in Korean: '주식회사 지농에서 공개하는 오픈소스 프로젝트 그룹'. The 'Subgroups and projects' tab is selected, displaying a list of projects. The 'farmosV2' project is highlighted with a red box. The project list includes the following information:

Project Name	Stars	Last Created
farmosV2 오픈소스 스마트팜 개발형 제어기입니다. KS 표준을 준수하는 장비를 활용	1	3 weeks ago
ksx3267-sample	0	7 months ago
devspecsvc Device Specification Service	0	7 months ago
ksx3267-devspec-inspector 장비규격정보서 검사기	0	9 months ago
pycvtdriver cvtdriver를 python에서 접근할 수 있도록 도와주는 래핑 서비스 입니다.	0	9 months ago
cdtp 주식회사 지농과 경북대 식품기계 및 바이오센서 연구실에서 제공하는 "스	0	1 year ago

https://gitlab.com/JiNong_Public

farmosV2 다운로드



GitLab repository page for **farmosV2** (Project ID: 15393482).

Project overview: 47 Commits, 1 Branch, 0 Tags, 15.6 MB Files.

Repository description: 오픈소스 스마트팜 개방형 제어기입니다. KS 표준을 준수하는 장비를 활용할 수 있으며,

Clone options:

- Clone with SSH: `git@gitlab.com:JiNong_Public/farmosV2.git`
- Clone with HTTPS: `https://gitlab.com/JiNong_Public/farmosV2.git`

Copy URL: c3367875

Repository details:

- master branch
- BSD 3-clause "New" or "Revised" License

Name	Last commit	Last update
conf	설정파일 내용 및 위치 변경	1 week ago
docs	문서 업데이트	2 days ago
fcore	설정파일 내용 및 위치 변경	1 week ago
gate	작업 경로 자신의 경로로 설정	1 month ago
scripts	bash 로 실행되도록 수정	3 hours ago
server	스크립트 오류 수정	1 month ago
ui	kakao apilkey 변경	1 month ago

```
debian@beaglebone: ~  
login as: debian  
debian@192.168.7.2's password:  
  
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
Last login: Thu Jan 30 14:50:46 2020 from 192.168.7.1  
debian@beaglebone:~$ ls  
bin  
debian@beaglebone:~$ git clone https://gitlab.com/JiNong_Public/farmosV2.git  
Cloning into 'farmosV2'...  
remote: Enumerating objects: 603, done.  
remote: Counting objects: 100% (603/603), done.  
remote: Compressing objects: 100% (441/441), done.  
remote: Total 603 (delta 194), reused 523 (delta 125), pack-reused 0  
Receiving objects: 100% (603/603), 11.43 MiB | 850.00 KiB/s, done.  
Resolving deltas: 100% (194/194), done.  
Checking out files: 100% (336/336), done.  
debian@beaglebone:~$ ls  
bin farmosV2  
debian@beaglebone:~$
```

git clone `https://gitlab.com/JiNong_Public/farmosV2.git`

```
debian@beaglebone: ~/farmosV2/scripts
```

Checking out files: 100% (336/336), done.

```
debian@beaglebone:~$ ls  
bin farmosV2  
debian@beaglebone:~$ cd farmosV2/  
debian@beaglebone:~/farmosV2$ ls  
AUTHOR conf docs fcore gate LICENSE README.md scripts server ui  
debian@beaglebone:~/farmosV2$ cd scripts/  
debian@beaglebone:~/farmosV2/scripts$ ls  
farmos.sql install.sh  
debian@beaglebone:~/farmosV2/scripts$ sudo ./install.sh  
[sudo] password for debian:
```

FARMOS V2

.

1. apt update

```
Ign:1 http://deb.debian.org/debian stretch InRelease  
Hit:2 http://repos.rcn-ee.com/debian stretch InRelease  
Hit:3 http://deb.debian.org/debian stretch-updates InRelease  
Hit:4 http://deb.debian.org/debian-security stretch/updates InRelease  
Hit:5 http://deb.debian.org/debian stretch Release  
Reading package lists... 64%
```

1. /farmosV2/scripts 접속 : cd farmosV2/scripts/
2. 설치 : sudo ./install.sh