CSGE602055 Operating Systems CSF2600505 Sistem Operasi LeftOver

Rahmat M. Samik-Ibrahim

University of Indonesia

http://os.vlsm.org/
Always check for the latest revision!

REV200 18-Apr-2019

Agenda

- Start
- 2 Agenda
- 3 LeftOver
- 4 Resources
- Bahan-bahan
- 6 Accounts
- Week 00: Problems
- Week 00: Check List
- The End
- 10 Week 00: Self Service Assignments
- Week 01: Problems
- Week 02: Problems
 - The End

LeftOver

XXXX

The Check List (Operating Systems)
☐ Starting Point: http://os.vlsm.org/
☐ Text Book : any recent/decent OS book but map it to OSC10 .
☐ Create public project "os182" on your github.com account.
☐ Create file "README.md" and add an extra line every week. For e.g.¹:
ZCZC Sistem Operasi 2018 Awal (1)
ZCZC W01 Have tried demo for week 01.
ZCZC WO2 Week O2 is done.
ZCZC W03 Week 03 is done.
☐ Encode your QRC with image size of approximately 250x250 pixels:
"OS181 CLASS ID GITHUB-ACCOUNT SSO-ACCOUNT SIAK-Full-Name"
Special for Week 00: Mail your embedded QRC to:
operatingsystems@vlsm.org with Subject: [W00] CLASS ID
SIAK-NAME.
☐ Write your Memo (with QRC) every week .
☐ Using your SSO account, login to badak.cs.ui.ac.id via
kawung.cs.ui.ac.id.
☐ Check folder badak:///extra/Week00/
☐ Every week, copy the weekly demo files to your own home directory.
Eg. for Week00:
cp -r /extra/Week00/W00-demos/ W00-demos/

 $^{^1\}mbox{Week}$ 00 line is optional. The following "ZCZC WXX" weekly tags are mandatory.

Resources

- Text Book: any recent/decent OS book. Eg. (OSC10) Abraham Silberschatz, Peter B. Galvin, Greg Gagne: Operating System Concepts, 10th Edition, 2018.
- (GITHUB)
 https://github.com/UI-FASILKOM-OS/SistemOperasi/
 - (DEMO) demos/
 - (SLIDE) pdf/
- (UJIAN) http://rms46.vlsm.org/2/195.pdf 205.pdf
- (BADAK) BADAK:///extra/

Bahan Presentasi: http://rms46.vlsm.org/2/207.html



Figure: https://github.com/UI-FASILKOM-OS/os182/tree/master/pdf

Bahan Demo



Figure: https://github.com/UI-FASILKOM-OS/os182/tree/master/demos

Arsip SCELE

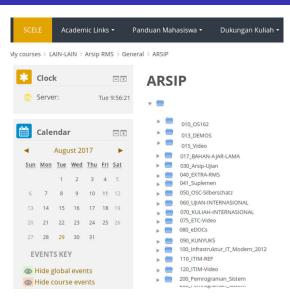


Figure: Lihat juga BADAK.cs.ui.ac.id:///extra/

Github (New) Account 1



Figure: Start a new project by "rms46".

Github (New) Account 2

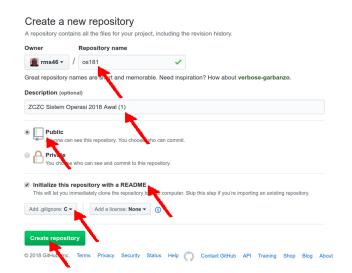


Figure: Create public repository "os182" with a README.md file

Github (New) Account 3

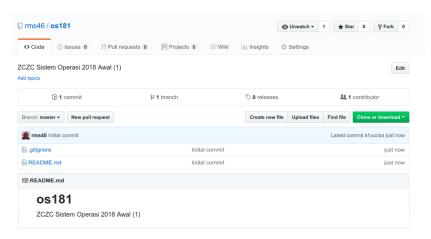


Figure: Public project "os182" by "rms46" at https://github.com/rms46/os182

WSL: Windows Subsystem for Linux



Figure: WSL: Windows Subsystem for Linux

Cygwin

```
-/demos/week00-introduction
rms46@rmsbase ~/demos/week00-introduction
$ export PS1='\w \$
~/demos/week00-introduction $ 1s -al
total 14
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 04:41 .
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 03:42 ...
-rw-r--r-- 1 rms46 rms46 250 Aug 16 03:42 c-program-example.c
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 03:42 directory
-rw-r--r-- 1 rms46 rms46 240 Aug 16 03:42 Makefile
~/demos/week00-introduction $ make
qcc -o c-program-example c-program-example.c
~/demos/week00-introduction $ 1s -al
total 78
drwxr-xr-x+ 1 rms46 rms46
                              0 Aug 16 04:42 .
drwxr-xr-x+ 1 rms46 rms46
                              0 Aug 16 03:42 ...
                            250 Aug 16 03:42 c-program-example.c
-rw-r--r-- 1 rms46 rms46
-rwxr-xr-x 1 rms46 rms46 62483 Aug 16 04:42 c-program-example.exe
drwxr-xr-x+ 1 rms46 rms46
                              0 Aug 16 03:42 directory
-rw-r--r-- 1 rms46 rms46
                            240 Aug 16 03:42 Makefile
~/demos/week00-introduction $ ./c-program-example.exe
This is program #1
~/demos/week00-introduction $ ls -al directory/
total 13
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 03:42 .
drwxr-xr-x+ 1 rms46 rms46 0 Aug 16 04:42 .
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file1
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file2
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file3
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file4
-rw-r--r-- 1 rms46 rms46 58 Aug 16 03:42 file5
~/demos/week00-introduction $
```

Figure: Cygwin

Week 00: Problems

- Tugas Minggu 00 (Week 00) ada dua:
 - membuat QRC dan mengirimkannya via email.
 - membuat Memo Minggu 00 yang ada QRC, serta ditunjukkan pada saat istirahat kuliah hari ke dua.
- "TANDA PETIK" BUKAN merupakan bagian dari QRC!
- Jangan mencantumkan ".git" dan ".sso", jika bukan bagian dari nama akun anda!
- Tanpa header [W00] pada Subject; email anda mungkin akan nyasar entah kemana... Ingat: [W00] (We-Nol-Nol) tidak sama dengan [W00] (We-O-O)!
- Ukuran QRC cukup sekitar 256 x 256 pixel: jangan terlalu besar atau terlalu kecil.
- QRC ditanam (embedded) dalam email; jangan menggunakan attachment!
- Jangan mengirim MEMO dalam format PDF!

Week 00: Check List

Starting Week 01: TABULA RASA is not accepted anymore! Find/copy this document from http://os.vlsm.org/ Find/read a recent/decent OS Book and map it to **OSC10**. Using your SSO account, login to badak.cs.ui.ac.id via kawung.cs.ui.ac.id. ☐ Check folder badak:///extra/Week00/ Try to copy and compile c-program-example.c. QR Code: (Eg) "OS182 X 1253755125 demo Demo Suremo" Mailto: operatingsystems@vlsm.org (Eg.) Subject: OS182 X 1253755125 demo Demo Suremo Write "Memo Week00" + your QRC. How to improve this document?

The End

- \square This is the end of the presentation.
- extstyle ext
- This is the end of the presentation.

Week 00: Self Service Assignments

- Create project (PUBLIC) "os182" on your new (or existing) github.com account.
- (Week 00) QRCode¹: "OS182 CLASS ID GITHUB-ACCOUNT SSO-ACCOUNT SIAK-Full-Name"
- (Weekly) Memo.
- Informasi Kuliah, Arsip Ujian, dan Demo
 - badak.cs.ui.ac.id:/extra/
 - https://github.com/UI-FASILKOM-OS/os182
 - https://rms46.vlsm.org/2/195.pdf [195.pdf 205.pdf].
- Which BASH Account?
 - Virtual Ubuntu: badak.cs.ui.ac.id (SSO)
 - Ubuntu (BYOD)
 - WSL: Windows 10 Subsystem for Linux
 - Cygwin (Windows)

¹"QR Code" is a registered trademark and wordmark of Denso Wave Inc.

Week 01: Problems

- Tugas Minggu 01 (Week 01) ada dua:
 - Memo Week01: to be checked at break of the first lecture of WEEK 01.
 - Try Demo Week01 and write in "README.md" (os181), something like: "ZCZC W01 Telah mencoba demo Week01".

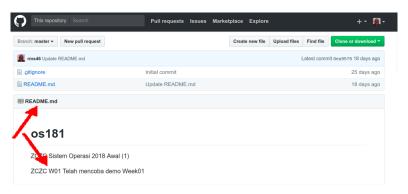


Figure: README.md: ZCZC W01 ...

Week 02: Problems

- Tugas Minggu 02 (Week 02) ada dua:
 - Memo Week02: to be checked at break of the first lecture of WEEK 01.
 - Try Demo Week02 and write in "README.md" (os181), something like: "ZCZC W02 Demo: done!".

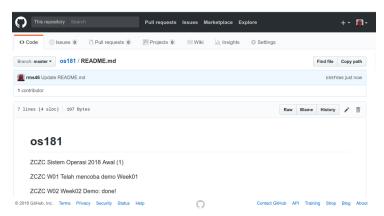


Figure: README.md: ZCZC W02 Demo: done!

The End

- \square This is the end of the presentation.
- imes This is the end of the presentation.
- This is the end of the presentation.