

설명서 설계에 대하여

이호재

AST

제조 장비에 필요한 설명서



문서 종류 사용 설명서, 유지보수 지침서

언어 한국어, 영어, 중국어

문서 형식 PDF (인쇄), CHM (HTML)

파생 제품 적음

스마트폰에 필요한 설명서



문서 종류 사용 설명서, 서비스 지침서

언어 영어를 비롯한 33 개어

문서 형식 PDF (웹 배포), HTML (웹
배포)

파생 제품 많음

프레임메이커 또는 인디자인 사용자라면

- FM (한국어) → PDF (한국어)
- FM (한국어) → XML (한국어) → XML (영어) → FM(영어) → PDF (영어)
- FM (한국어) → XML (한국어) → XSL → HTML (한국어)

텍 사용자라면

- T_EX (한국어) → PDF (한국어)
- T_EX (한국어) → T_EX (영어) → PDF (영어)
- T_EX (한국어) → TeX4HT/plasTeX → HTML (한국어)

만약에 이렇게 할 수 있다면

- 만약 어떤 문서로부터 판형과 서식만 달리하여 PDF를 얻고자 한다면?
- 두 개 이상의 문서를 짜깁기하여 새로운 문서를 만들고자 한다면?
- 원시 문서가 순수한 XML 문서라면?
- 원시 텍스트가 MySQL 같은 데이터베이스에 들어있다면?
- 하나의 그림을 여러 문서에 공통으로 사용하려면?

hzmanual 클래스의 목표

- 내용과 서식을 분리한다. (저술가와 편집자를 구분한다)
- 서식의 변경이 용이하다.
- 어떤 서식의 변경이 다른 것에 영향을 주지 않아야 한다. 아니면 다른 것들도 변경된 것을 따라 함께 바뀐다.

당신의 태도에 따라 텍은 C 프로그래밍보다 어려울 수도 있고 워드 프로세서 사용보다 쉬울 수도 있다.

hzmanual 클래스의 규칙

```
\illustrfigure[옵션]{그림 파일 이름}{설명문}  
\setillustrfigure{옵션}
```


hzmanual 클래스의 구성

- hzmanual.cls
- hzlayout.sty: 판형, 바탕무늬, 반달 색인
- hzlang.sty: 라틴 문자 글꼴
- hzlang-KO.sty: 한글 글꼴
- hzlang-symb.sty: 기호 문자
- hzstyle.sty: 장, 절, 페이지 스타일
- hzmisc.sty: 색인, 강조문
- hzillust.sty: 그림과 표
- hzspec.sty: 조건식

<http://faq.ktug.or.kr/faq/hoze/style>

hzlayout 패키지

5.2.2 Watching on multi-picture screens

Pressing the **[MT]** button displays the multi-picture options; you can choose one among four layouts: 4, 9, 13, or 16 screens. To choose a layout, press the **[MT]** button at the service list screen. Refer to §5.2.1 for the service list screen.



If you choose the 13 screens, the current service will be presented with still images of six services prior and posterior to it.

It takes a little time to display all pictures of services. To watch a desired service among them, move the highlight frame on it and press the **[OK]** button.

5.2.3 The favourite service lists

You can select a service to watch on a favourite list as well as on the services list.



To display the favourite lists, press the **[FAV]** button. You should see a screen like the left figure. As you move the highlight bar up or down on the favourite group list at the left box, favourite services belonging to the highlighted group are listed on the right box.

For how to edit the favourite lists, refer to §6.2.

To select a favourite service, put the highlight bar on a desired

group and press the **[▶]** button; a highlight bar appears on its favourite services list. Once you select a desired service with the **[OK]** button, it will be presented. Otherwise, to select other group, press the **[◀]** button.

After you have selected a favourite service, if you then switch to another service using the **[▲]** or **[▼]** button, it will be also another favourite service of the selected group. The digital receiver will remind you what group you have selected by displaying its name at the top right of the screen whenever you switch services. If you wish to get out of the current group, select the **All services** group on the favourite group list.

Besides that, you can add or delete a favourite group or service. To add a service you are currently watching into a favourite group, put the highlight bar on a desired group and press the **[F2]** button. To create a new group, press the **[F1]** button; then the on-screen keyboard appears. Enter your desired name and save it. See §6.3 for how to use the on-screen keyboard. To delete a group or a service, press the **[F3]** button; then you get asked for confirmation. If you select **Yes**, it will be deleted.

5.2.4 Viewing programme information

Pressing the **[i]** button displays the information box, on which you can see all of the following:



- Service number and name
- Transmitting satellite
- Transponder information
- Signal level and quality
- Programme name
- Programme classification symbol
- Programme summary
- Broadcasting time
- Current time

If you choose the 13 screens, the current service will be presented with still images of six services prior and posterior to it.

It takes a little time to display all pictures of services. To watch a desired service among them, move the highlight frame on it and press the **[OK]** button.



5.2.3 The favourite service lists

You can select a service to watch on a favourite list as well as on the services list.

To display the favourite lists, press the **[FVI]** button. You should see a screen like the left figure. As you move the highlight bar up or down on the favourite group list at the left box, favourite services belonging to the highlighted group are listed on the right box.



As to how to edit the favourite lists, refer to §6.2.

To select a favourite service, put the highlight bar on a desired group and press the **[▶]** button; a highlight bar appears on its favourite services list. Once you select a desired service with the **[OK]** button, it will be presented. Otherwise, to select other group, press the **[◀]** button.

After you have selected a favourite service, if you then switch to another service using the **[▲]** or **[▼]** button, it will be also another favourite service of the selected group. The digital receiver will remind you what group you have selected by displaying its name at the top right of the screen whenever

you switch services. If you wish to get out of the current group, select the **All services** group on the favourite group list.

Besides that, you can add or delete a favourite group or service. To add a service you are currently watching into a favourite group, put the highlight bar on a desired group and press the **[F2]** button. To create a new group, press the **[F1]** button; then the on-screen keyboard appears. Enter your desired name and save it. See §6.3 as to how to use the on-screen keyboard. To delete a group or a service, press the **[F3]** button, then you get asked for confirmation. With the choice of **Yes**, it will be deleted.

5.2.4 Viewing programme information

Pressing the **[I]** button displays the information box, on which you can see all of the following:

- Service number and name
- Transmitting satellite
- Transponder information
- Signal level and quality
- Programme name
- Programme classification sign
- Programme summary
- Broadcasting time
- Current time



In addition, you might see the following symbols:

- Subtitle symbol (☐) if subtitle tracks are provided on the current programme.
- Teletext symbol (☐) if teletext pages are provided on the current service.
- Dolby Digital symbol (DD) if a Dolby Digital audio track is provided on the current programme.
- Lock symbol (🔒) if the current service is locked.
- Dollar symbol (\$) if the current service is a pay service.

hzlang 패키지

```
\setLatinfont{Pagella}
```

<i>LatinModern</i>	Serif	Serif bold	Sans serif	Sans serif bold
<i>MinionPro</i>	Serif	Serif bold	Sans serif	Sans serif bold
<i>MyriadPro</i>	Serif	Serif bold	Sans serif	Sans serif bold
<i>Optima</i>	Serif	Serif bold	Sans serif	Sans serif bold
<i>Pagella</i>	Serif	Serif bold	Sans serif	Sans serif bold
<i>PalatinoHelvetica</i>	Serif	Serif bold	Sans serif	Sans serif bold
<i>PalatinoOptima</i>	Serif	Serif bold	Sans serif	Sans serif bold
<i>TimesRoman</i>	Serif	Serif bold	Sans serif	Sans serif bold

hzstyle 패키지

```
\setstyle{
  chapterstyle=hzarticle,
  chaptercolor=red
  sectioncolor=green,
  sectionnewpage=true,
  paragraph=boundary
  paragraphcolor=blue,
  paragraphfont=\bfseries,
  secstylecft=false
}
```

hzmisc 패키지

Choose \menu{Settings}{Safari}.\

Choose \menu[Settings]{Safari}{Search Engine}.\

Choose \menu[Settings][Safari]{Search Engine}{Yahoo}.



Choose Settings > Safari.

Choose Settings > Safari > Search Engine.

Choose Settings > Safari > Search Engine > Yahoo.

```
\begin{terms}[옵션]
\item[표제어] 설명문
...
\item[표제어] 설명문
\end{terms}
```

```
\setterms{index=, highindex=, enumerate=true, enumeratelabel=, %
labelfont=, labelcolor=, marker=, delimiter=, markerspace=, %
labelspace=, labeloffset=, font=, justify=, iteminterval= }
```

```
\wrapnum[type=oval, color=white, font=\small]{21}  
\wrapnum[type=oval, color=black, font=\normalsize]{22}  
\wrapnum[type=rectangle, color=white, font=\large]{23}  
\wrapnum[type=rectangle, color=black, font=\Large]{24}  
\wrapnum[type=circle, color=white, font=\LARGE]{25}  
\wrapnum[type=circle, color=black, font=\huge]{26}
```



21 **22** **23** **24** 25 **26**

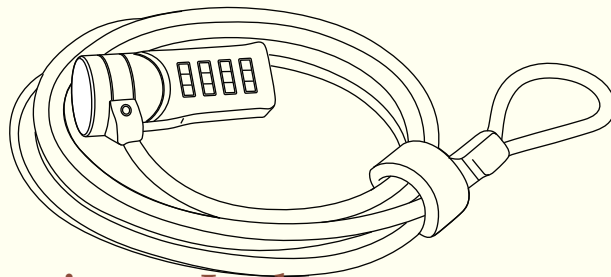

```
\setwrapnum{type=rectangle, raise=-.25ex, color=black}  
\setenumerate[1]{label=\protect\wrapnum{\arabic*}}  
\begin{enumerate}  
\item POWER powers on or off the monitor.  
\item SOURCE changes the video mode.  
\end{enumerate}
```



- 1** POWER powers on or off the monitor.
- 2** SOURCE changes the video mode.

hzillust 패키지

```
\illustrfigure[scale=2, showfilename, protrude=false]{KensingtonLock}{A %  
    slot for connecting an anti-theft Kensington lock can be found %  
    at the bottom right on the back of the monitor. To install your %  
    monitor in a public place, connect a lock to the monitor following %  
    the steps below:}
```



KensingtonLock

A slot for connecting an anti-theft Kensington lock can be found at the bottom right on the back of the monitor. To install your monitor in a public place, connect a lock to the monitor following the steps below:

\rowback

\startwhiterow

\startcolorrow

Time offset

City

GMT – 10:00 Hawaii

GMT – 09:00 Alaska

GMT – 07:00 Mountain Time US

GMT – 05:00 Eastern Time US

GMT – 03:00 Brazil

GMT – 01:00 Azores

GMT London

GMT + 1:00 Paris

GMT + 3:00 Baghdad

GMT + 5:00 Ekaterinburg

GMT + 7:00 Bangkok

GMT + 9:00 Seoul

조건식으로 할 수 있는 것들

```
\USon
```

```
My \ifUS{favorite}{favourite} \ifUS{color}{colour} is black.
```

```
\USoff
```

```
My \ifUS{favorite}{favourite} \ifUS{color}{colour} is black. \\
```

```
The shipping \ifnotUS{centre}{center} \ifnotUS{organised}{organized} %  
seven days long workshop.
```



My favorite color is black.

My favourite colour is black.

The shipping centre organised seven days long workshop.

hzspect 패키지 : 단일 원천 출판을 위한

```
\setspec{사양들}
```

```
\ifspec{사양}{참}{거짓}
```

```
\ifnotspec{사양}{참}{거짓}
```

```
\ifandspec{사양 1}{사양 2}{참}{거짓}
```

```
\iforspec{사양 1}{사양 2}{참}{거짓}
```

```
\ifnandspec{사양 1}{사양 2}{참}{거짓}
```

```
\ifbutspec{사양 1}{사양 2}{참}{거짓}
```

```
\putifdefined{\macro}{대신}
```

```
\putifdefined*{\macro}
```

```
\putifexist{\macro}{파일}
```

```
\putifexist*{파일}
```

그림 경로

```
D:\common
|   FrontAAA.pdf
|   FrontBBB.pdf
+---GUI01
|   |   WarnSymbol.png
|   +---EN
|   |       MainMenu.png
|   |       SetupMenu.png
|   \---DE
|       MainMenu.png
|       SetupMenu.png
\---RemoteControl
    +---Remote01
    |       Remote01.pdf
    |       PowerButton.pdf
    \---Remote02
```

```
\setfigpath{../../{Remote01}{GUI02}{DE}{cable}
```

```
\showfigpath
```



```
fig/ ../..GUI02/DE/cable/ ../..GUI02/DE/ ../..GUI02/ ../..Remote01/ ../..
```

```
childpath: fig/
```

```
typepath: ../..GUI02/DE/cable/
```

```
langpath: ../..GUI02/DE/
```

```
GUIpath: ../..GUI02/
```

```
remotepath: ../..Remote01/
```

```
commonpath: ../..
```

Polyglossia와 Xindy

```
\RequirePackage{polyglossia}
\setdefaultlanguage{russian}
\newfontfamily{\cyrillicfont}{Times New Roman}
\setmainfont{Times New Roman}
\setsansfont{Arial}
\setmonofont{Courier New}

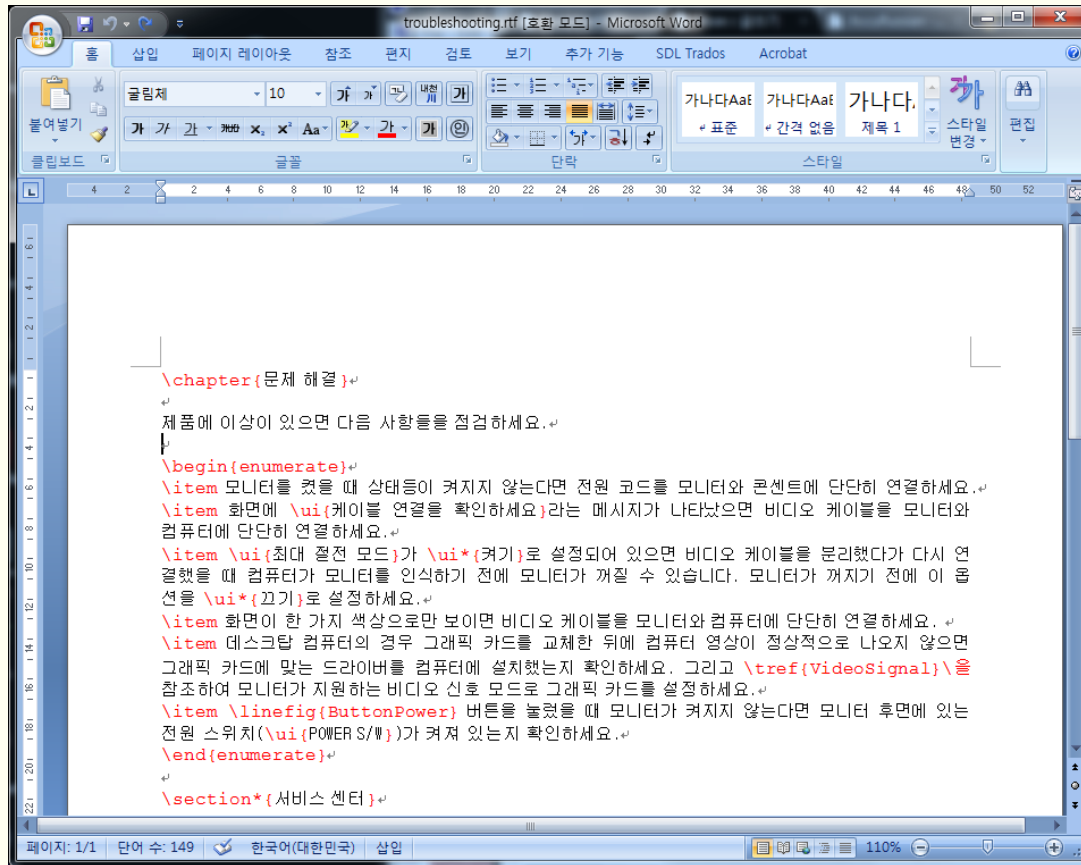
#> texindy -M lang/russian/utf8-lang.xdy foo.idx
```


C:\texlive\2010\texmf\xindy\modules\lang\russian

- class
- lang
 - albanian
 - belarusian
 - bulgarian
 - croatian
 - czech
 - danish
 - dutch
 - english
 - esperanto
 - estonian
 - finnish
 - french
 - general
 - georgian
 - german
 - greek
 - gypsy
 - hausa
 - hebrew
 - hungarian
 - icelandic
 - italian
 - klingson
 - kurdish
 - latin
 - latvian
 - lithuanian

- cp1251.xdy
- cp1251-lang.xdy
- cp1251-test.xdy
- iso88595.xdy
- iso88595-lang.xdy
- iso88595-test.xdy
- koi8-r.xdy
- koi8-r-lang.xdy
- koi8-r-test.xdy
- translit-iso-utf8.xdy
- translit-iso-utf8-lang.xdy
- translit-iso-utf8-test.xdy
- utf8.xdy
- utf8-lang.xdy
- utf8-test.xdy

토터스 태거 : 번역을 위한



~~~FindAsIs

~~~WriteInternal

~~~WC-OFF

\chapter

\section

\paragraph

\item

~~~FindAsIs

~~~WriteInternal

~~~WC-ON

\\label\{*\\}

스마트폰에서 보고 싶다면?

SHOW 오후 4:00

snaps into place.



3. Align the cover and press it firmly into place, making sure it snaps into place at the corners.

Securing your phone

By default, the phone locks automatically when the screen times out, or you can lock it manually. You

1.2 Special Text

In this manual, you'll find text that is set apart from the rest. These are intended to point out important information, share quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tips:** Provides quick or innovative methods, or useful shortcuts.
- **Example:** Gives an example of the feature or procedure.
- **Important:** Points out important information about the current feature that could affect performance.
- **Warning:** Brings to your attention important information to prevent loss of data or functionality, or even prevent damage to your phone.

1.3 Replacing the battery

The battery is under a removable cover on the back of the phone.

1. Pull up using the slot provided ①, while lifting the cover off the phone ②.



2. Insert the battery into the phone, aligning the gold contacts on the battery with the gold contacts in the phone. Push down on the bottom of the battery until it snaps into place.



3. Align the cover and press it firmly into place, making sure it snaps into place at the corners.

1.4 Securing your phone

By default, the phone locks automatically when the screen times out, or you can lock it manually. You can unlock the phone using one of the default Unlock screens, or for increased security, use a personal screen unlock pattern. For more information about creating and enabling a Screen unlock pattern, see "Screen unlock pattern" on page 101. For other settings related to securing your phone, see "Location & security" on page 100.

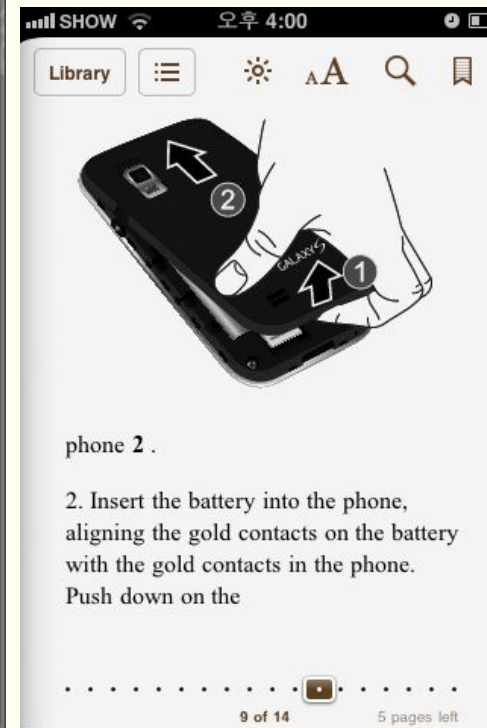
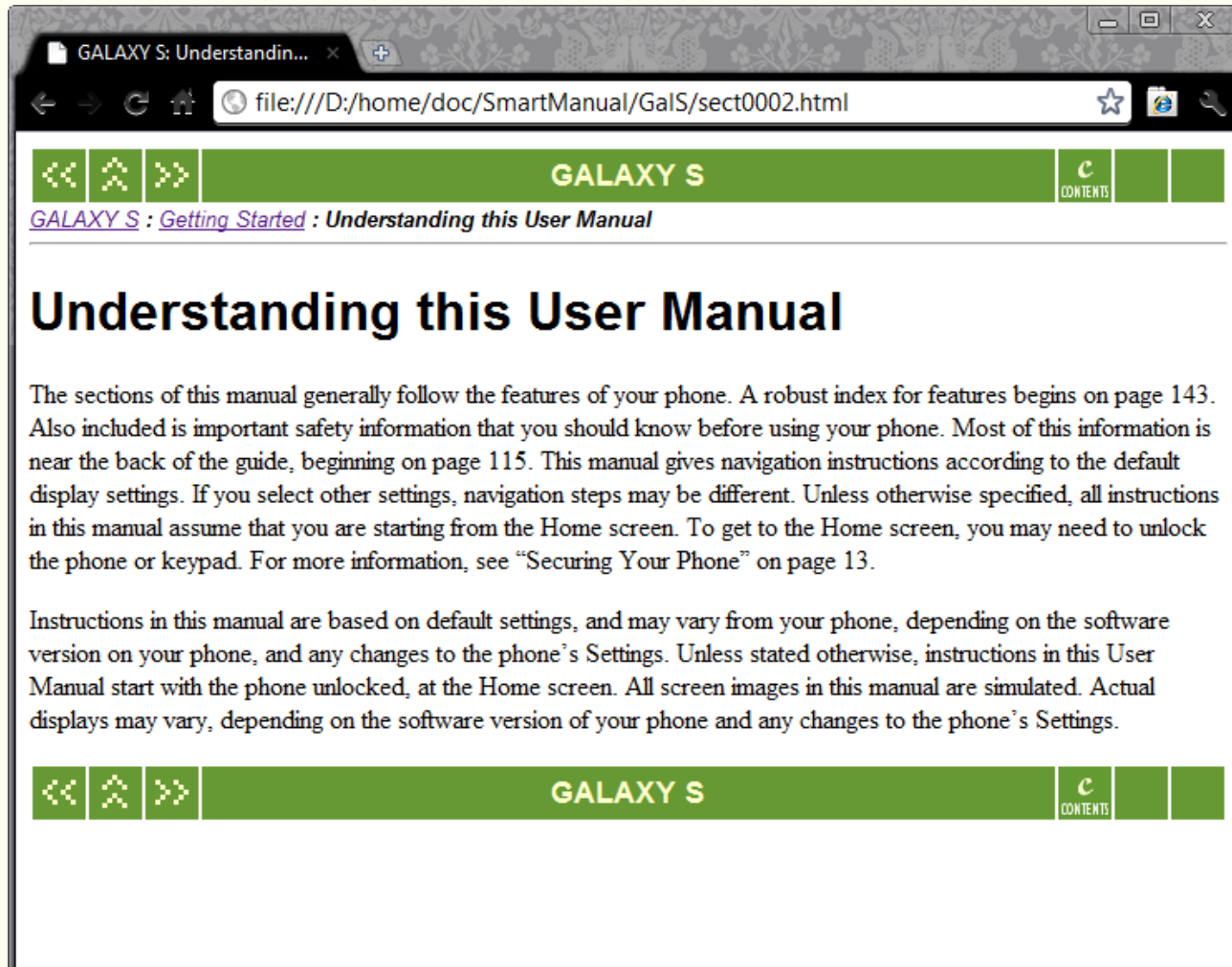
- Press the Lock key to wake the screen.
- If there are no Notification alerts on your phone, touch and swipe left or right to show the screen that was visible when the

```
\newif\ifprintversion
\printversiontrue

\ifprintversion
  \documentclass{hzmanual}
  \setlayout{B5, column=vartwo}
  \setstyle{chapterstyle=hzarticle}
\else
  \documentclass[12pt,openany,oneside]{hzmanual}
  \setlayout{iPhone}
  \setstyle{smartphone}
  \setsecnumdepth{chapter}
\fi
```

Plastex: 전자책을 위한?

T_EX → plastex → HTML → Calibre/Sigil → ePub (eBook)



가장 이상적인?

- XML (한국어) → XML (영어)
- XML → TeXML → T_EX → PDF
- XML → XSL → HTML
- XML → XSL + ? → ePub

과제

- 여럿이 함께 작업한다면?
- 이런 시스템이 과연 누구를 위한 것인가?

고맙습니다.