

Got to know OTL

김준기 (SPARCS 05)

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Contents

- ▶ History of OTL
- ▶ Architecture of OTL
- ▶ Development Process
- ▶ Study Plan for Newcomers
- ▶ Future To-do List
- ▶ Operation Issues & Maintenance

History of OTL

- ▶ Recognized as a sequel of LKIN, but intended as a separate service with only absorbing mock timetables.
- ▶ Developed as CS480 Capstone Project
- ▶ Opened at May, 2009
(with course registration for 2009 fall semester)

Relationship with LKIN

The screenshot shows the LKIN website interface. At the top is the LKIN logo with a sunflower. Below it is a navigation bar with buttons for '과목사전', '묻고답하기', '자유실', '마이 지식인', '시간표짜기', '검색해보아요', and '검색'. On the left side, there is a login section with fields for '아이디' and '비밀번호', and buttons for '가입' and '로그인'. Below that is a '질문하기' button and a list of site features: '공지사항', '운영자에게', '자유게시판', and '만든사람들'. It also displays '총 회원수: 6850' and '56개 학과의 2193개 과목에 대한 정보를 제공하고 있습니다.' The main content area is divided into three sections: '최근 공지사항 more..', '자유게시판 more..', and '최근 묻고답하기 글 목록'. Each section contains a table of items with columns for 'no', '제목', '작성자', and '작성일'.

no	제목	작성자	작성일
5	English Conversation (HSS398) 수강자격	EFLoffice	2009-09-01
4	[공지] Lkin의 새로운 서비스 OTL 오픈	RENO	2009-05-05
3	[공지] 학번별 영어 필수 이수과목 현황	스푸키써니	2009-05-04
2	[공지] 09학번 학사신입생 가을학기 Critical Thinking in English 수강신청	스푸키써니	2009-04-29
1	[공지] 2009년 가을학기 시간표 문제사항 [2]	RENO	2009-04-29

no	제목	작성자	작성일
5	바깸네요	Dave	2009-03-05
4	신생학과 업데이트!?	이티	2009-02-10
3	전자과실험 시간표 나누기?	카페라떼	2009-02-04
2	인문사회선택 HS377 Creative English Writing 수강신청가능합니다.	spookysunny	2009-02-03
1	과학기술학특강A	aaa	2009-02-03

no	학과	과목명	제목	작성자	작성일
10	영어	영어실용	영어	유영진	유영진

1	배터리 - 엠킨대마왕 (내공:36970)
2	우군 - 마왕 (내공:5970)
3	Shawn.K - 중수 (내공:5610)
4	06섹시마립 - 중수 (내공:4750)
5	-0- - 시민 (내공:2650)
6	미스터리S - 시민 (내공:2140)
7	한쟁 - 시민 (내공:1710)
8	★KFAC으로오세요!★ - 시민 (내공:1680)
9	미니 - 시민 (내공:1610)
10	지름이 - 시민 (내공:1590)

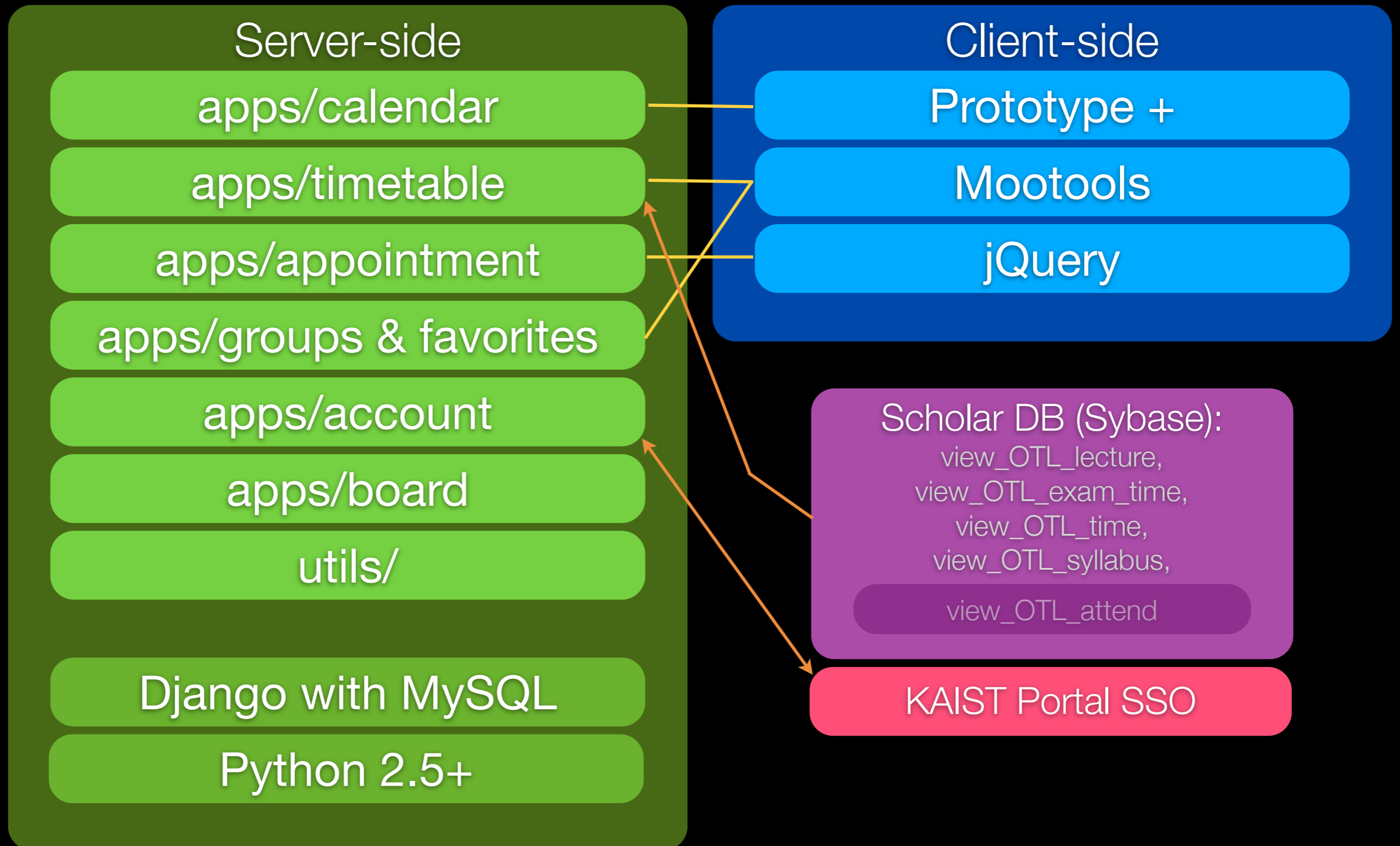
▶ LKIN : 수강지식인

- Successful project, but...

Relationship with LKIN

- ▶ OTL : 과목수강지원프로그램
 - Timetable + Personal Scheduler, but...
- ▶ Now OTL is absorbing LKIN users.

Architecture of OTL



Development Process

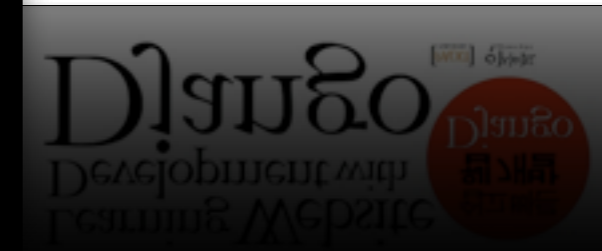
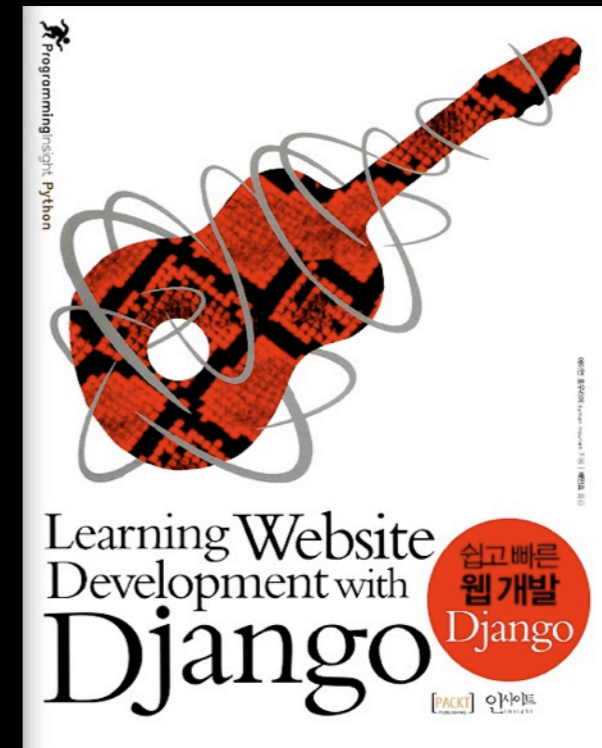
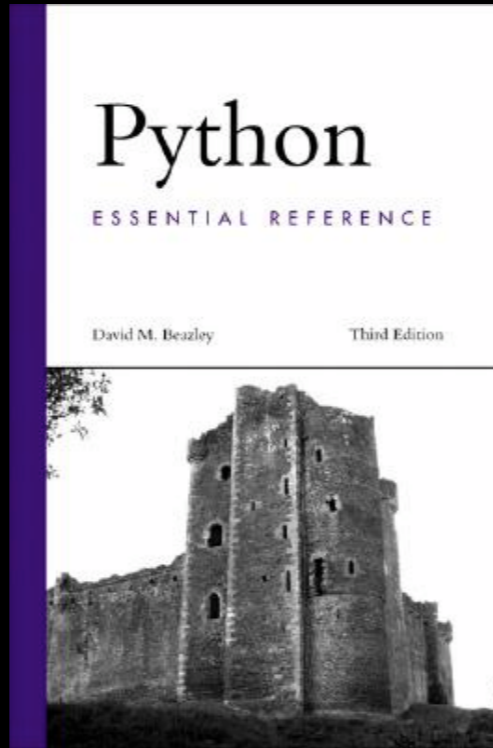
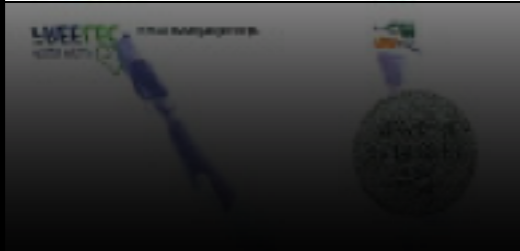
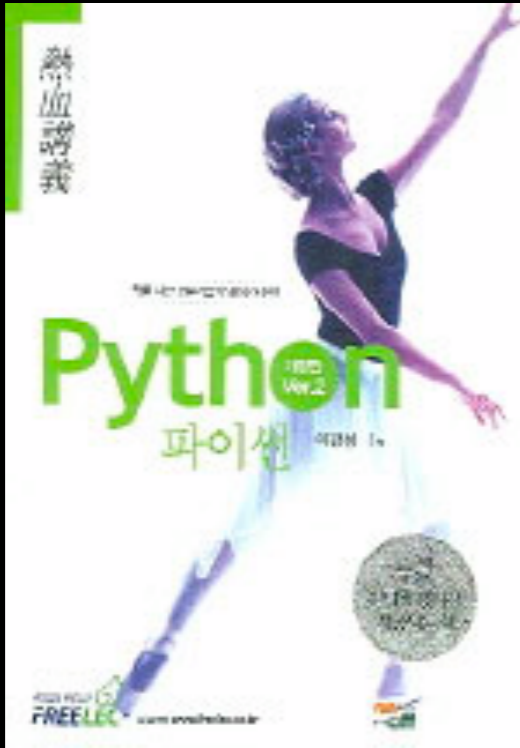
- ▶ Followed the requisites given by CS480 Capstone Project
- ▶ Used open-source tools
 - Mercurial + Trac + LaTeX
<https://project.sparcs.org/otl/>
 - Python + Django

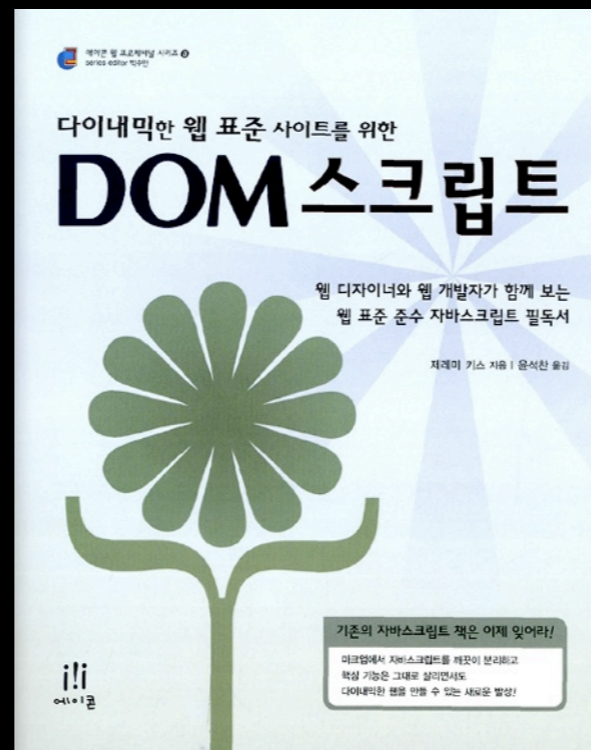
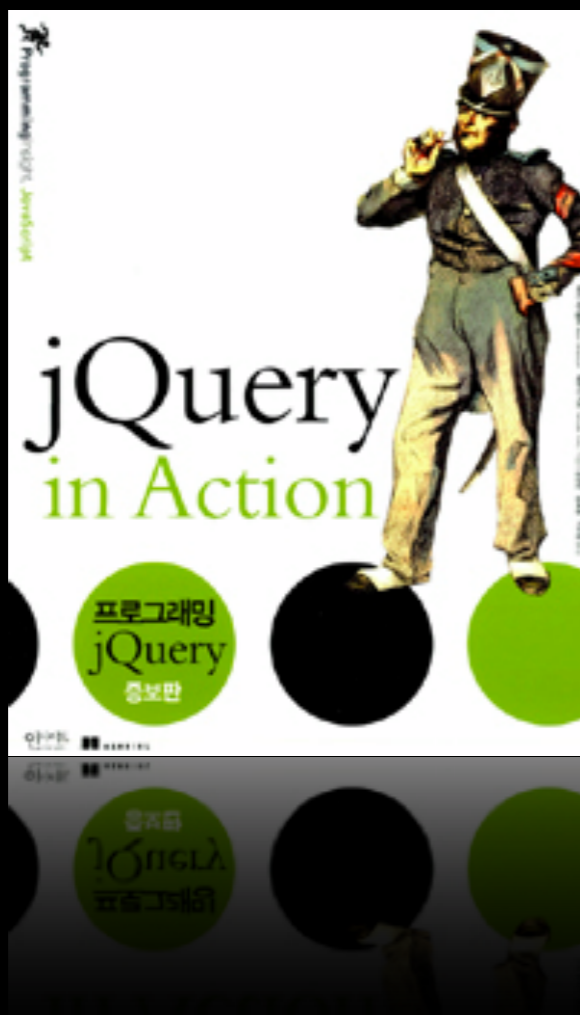
Study Plan for Newcomers

- ▶ SP Seminar - Python/Django basics
- ▶ Wheel Seminar - running Linux servers
- ▶ Self Study - HTTP, Javascript (jQuery)
- ▶ For advanced concepts and techniques:
CS206 DS, CS300 PL, CS360 DB
- Especially recommended: **CS300 PL**
(To use Python & Javascript properly,
OO & functional programming is mandatory.)

Recommended Books

- ▶ 열혈강의 Python + Python Essential Reference
- ▶ 쉽고 빠른 웹 개발 Django
- ▶ Programming jQuery
- ▶ DOM Script + 웹표준 3종세트 + 웹표준 교과서





Future To-do Lists

To-do: Timetable

- ▶ Integrate real timetables from the scholar DB to mock timetables (as a new tab)
- ▶ Views for old/previous mock/real timetables
- ▶ Statistics for wished course registration (publicize before lottery or in real-time)

To-do: Others

- ▶ Unifying js frameworks to jQuery + GX (!)
- ▶ Implementation of personal calendar (!)
- ▶ UI improvements for appointment organizer, favorites and groups

Operation Issues

- ▶ Access permission to the scholar DB
 - Current : until 2009. 12. 31
 - Must be extended
(request to IT Development Team)
- ▶ Periodic changes of `settings_local.py`
 - `CURRENT/NEXT_YEAR/SEMESTER`

Q & A