

O'Reilly for Higher Education

(ㄱ, Safari Books Online)

이용안내

O'REILLY®

- **콘텐츠 안내**
- **계정생성**
- **로그인**
- **기본화면(Browse) 제공정보안내**
 - Learning Paths
 - Case Studies
 - Recent Added
 - Popular Video
 - Oriole Online Tutorials
 - Trending
- **개인 기능**
 - Recommended
 - Playlists
 - History
 - Topics
 - Tutorials
 - Highlights

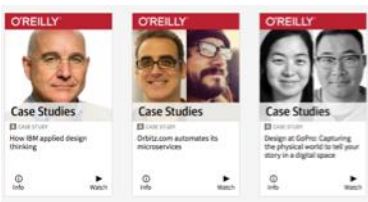
O'Reilly for Higher Education 은....

IT 분야 최고의 출판사인 O'Reilly 에서 제공하는 콘텐츠 플랫폼으로 IT 분야전문서적, 여비디오, 양방향/참여형 학습 툴(Learning Paths, Interactive Tutorials), Case Studies, O'Reilly Conference Videos 4만 9천여건의 콘텐츠 제공.

Books



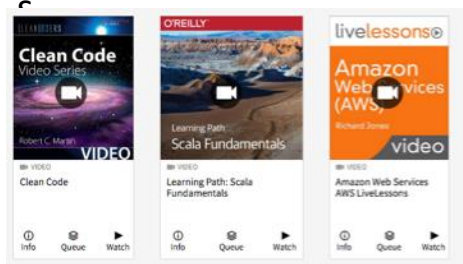
Case Studies



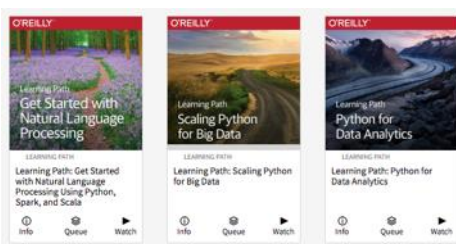
Interactive Tutorials



Video



Learning Paths



Early Release Access



O'Reilly, Pearson, Packt 등
200여 출판사에서
제공하는 4만권 이상의 IT
전문도서 제공

- 연중 신간 업데이트 -



300,000 시간 이상의 동영상 콘텐츠

Exclusive content from
the world's foremost
innovators



D.J. Patil
*Former U.S Chief Data
Scientist*



Jeff Immelt
*Chairman & CEO
General Electric*



Camille Fournier
*Managing Director
Two Sigma*

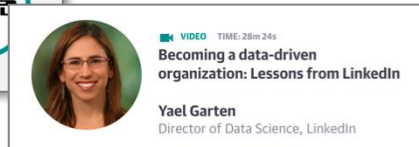


Eric Ries
*Entrepreneur Lean
Startup Evangelist*

Exclusive O'Reilly Conference content
Insights for the future—
Training for today



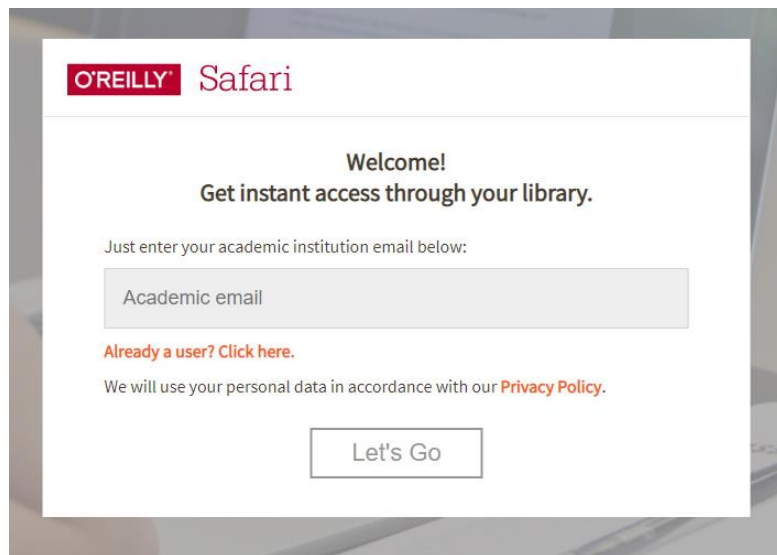
Exclusive case studies
from leading organizations



계정 생성

아래 URL 접속, 고려대학교 도메인 (@korea.ac.kr)의 메일 입력 후 본인 인증.
인증된 본인의 username 혹은 해당 Email 로 접속 가능.

접속 URL : <https://www.safaribooksonline.com/library/view/temporary-access>

The image shows a web form for creating a temporary account on Safari Books Online. At the top left is the O'Reilly logo and the word 'Safari'. The main heading says 'Welcome! Get instant access through your library.' Below this, it prompts the user to 'Just enter your academic institution email below:' and provides a text input field labeled 'Academic email'. There is a link for 'Already a user? Click here.' and a statement about privacy policy: 'We will use your personal data in accordance with our Privacy Policy.' At the bottom is a 'Let's Go' button.

O'REILLY Safari

Welcome!
Get instant access through your library.

Just enter your academic institution email below:

Academic email

Already a user? [Click here.](#)

We will use your personal data in accordance with our [Privacy Policy.](#)

Let's Go

이용자별 접속, 이용내역, 교육참여(수료)등의 개인와 기능의 편의성 및 기능개선에 초점을 두고 개편된 이메일 인증 접속 방식

Welcome!
Get instant access through your library.

Just enter your academic institution email below:

Academic email

Already a user? Click here.

We will use your personal data in accordance with our [Privacy Policy](#).

Let's Go

접속

Already a user? Click here.



본인 인증을 마친 이용자는 "Already a user?"
아이콘을 클릭하여 생성한 username으로 접속

O'REILLY®

Safari

START A FREE TRIAL

Sign In

If your workplace integrates with Safari Single Sign On, sign in with just your email below.

Username or Email Address

[Forgot Password?](#)

Password

SIGN IN

기존의 계정을 가지고 있는 이용자는 아래 URL 통해서도 로그인 가능

<https://learning.oreilly.com/home/>

로그인

계정 생성을 하였거나, 기존의 계정을 가지고 있는 이용자들은 아래의 화면에서 바로 접속 가능

O'REILLY®

Safari

START A FREE TRIAL

Sign In

If your workplace integrates with Safari Single Sign On, sign in with just your email below.

Username or Email Address

Forgot Password?

Password

SIGN IN

☐ Remember Me



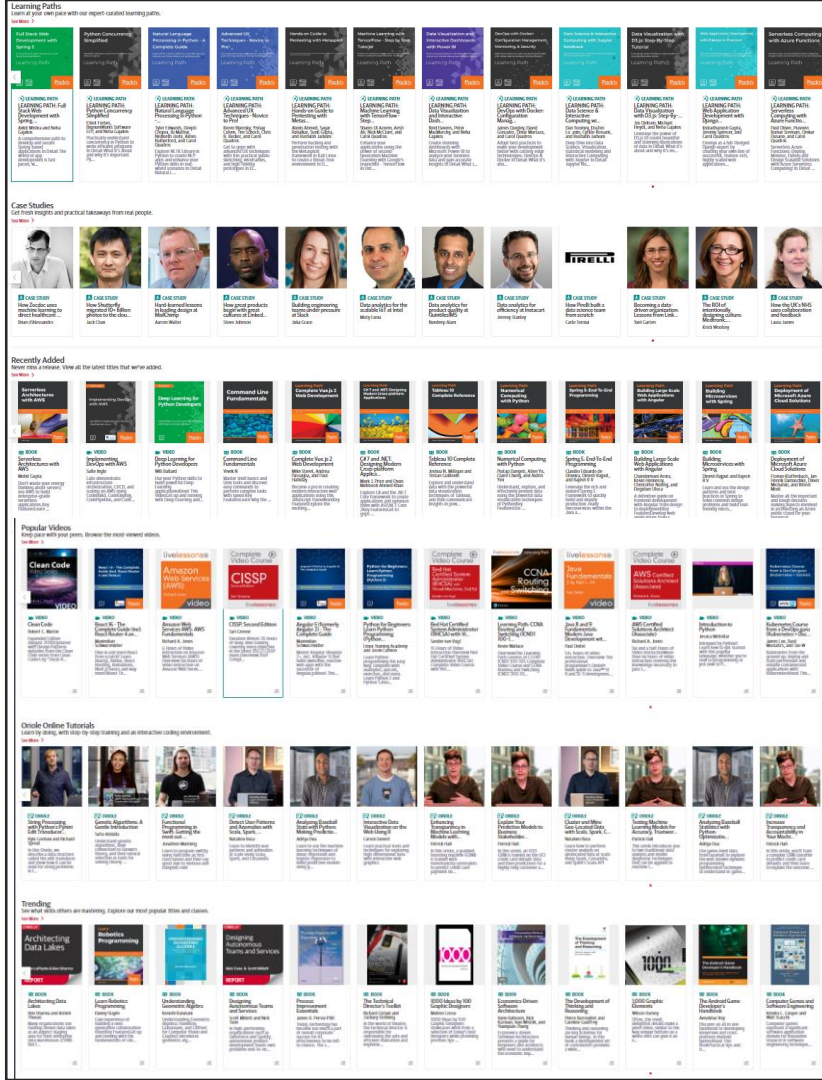
Browse

기본 화면 제공 정보

O'REILLY®

“O'Reilly for Higher Education” 에 접속하시면 오른편과 같이 아래 6개 형식의 자료에 접속 할 수 있는 메뉴를 제공합니다.

1. Learning Paths
2. Case Studies
3. Recent Added
4. Popular Video
5. Oriole Online Tutorials
6. Trending

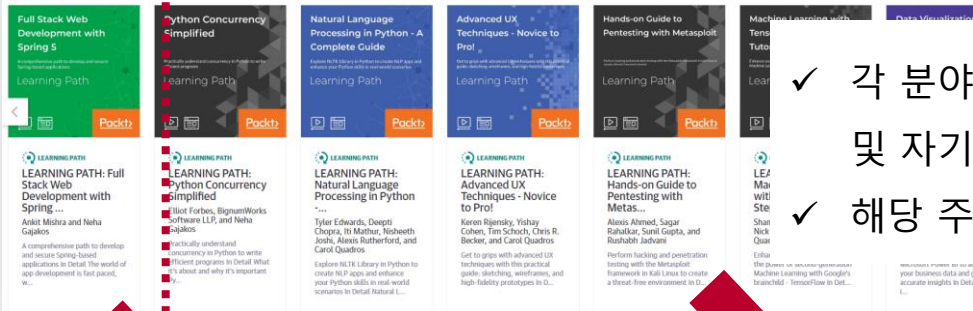


1.Learning Paths

Learning Paths

Learn at your own pace with our expert-curated learning paths.

[See More >](#)



- ✓ 각 분야 전문가에 의해 구성된 50여개 이상 IT 분야의 학습 및 자기평가(self-assessments) 프로그램.
- ✓ 해당 주제의 텍스트 교재와 동영상으로 구성

LEARNING PATH: The Complete Delphi Masterclass
Instructor **Neha Gajdos**

The Complete Delphi Masterclass

A one-stop guide on Delphi to help you build stunning cross-platform apps!

Learning Path

Packt

Start

A one-stop guide on Delphi to help you build stunning cross-platform apps!

In Detail

What it's about and why it's important

Only 10 minutes of the most essential IDE features and information you need to know to focus on your business and build

Serializing Objects to JSON and Back
12h 38m remaining

Serializing Objects to JSON and Back Using RTTI

Sending a POST HTTP Request Encoding Parameters

Contents Details

- Creating Helpers for Your Classes 7m 15s
- Check Strings with Regular Expressions 9m 30s
- Using Native HTTPS Client Libraries for RESTful Services 9m 55s
- Using System.Net Encodings 8m 5s
- Using System.Zip and Publish/Subscribe Mechanism 9m 42s
- Applying Styles to Standard FireMonkey Controls 10m 3s
- Creating a Styled TListBox 6m 44s
- Impressing Your Clients with Animations 5m 55s
- Using Master/Details with LiveBindings 12m 9s
- Showing Complex Vector Shapes Using Paths 7m 41s
- Using FireMonkey in a VCL Application 7m 43s
- Reinventing Your GUI 10m 30s

In this Video, we are going to take a look at...

- Learning how to serialize objects to JSON
- Using RTTI method

Packt

Browser | Downloaded | Playlists | MyQueue | Topics | Settings | Highlights | Settings | Administration | Support | Feedback


2. Case Studies

- ✓ 각 분야 전문가(CEO, Project Director, Engineer)들이 이야기하는 다양한 에피소드와 사례를 동영상과 Presentation로 제공


Case Studies

Get fresh insights and practical takeaways from real people.


[See More >](#)




CASE STUDY
How Zocdoc uses machine learning to direct healthcare...
Brian d'Alessandro



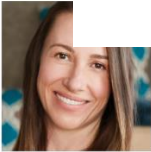
CASE STUDY
How Shutterstock migrated 10+ billion photos to the cloud...
Jack Chan




CASE STUDY
Hard-learned lessons in leading design at MailChimp
Aaron Walter




CASE STUDY
How great products begin with great cultures at Slack...
Steve Johnson




CASE STUDY
Building engineering teams under pressure at Slack
Julia Grace




CASE STUDY
Data analytics for the scalable IoT at Intel
Moty Fania



CASE STUDY
Data analytics for product quality at QuintilesIMS
Navdeep Alam






CASE STUDY
Data analytics for efficiency at Instacart
Jeremy Stanley






CASE STUDY
How Pirelli built a data science team from scratch
Carlo Torniai

Case Studies


An exploration of how great companies make change happen





Safari

Find a solution




ADAM ERNST
FACEBOOK
Building the Facebook experience for the mobile world

OREILLY
Case Studies

Possible Solution - Tests

- Stories are configured correctly
- Test that height changes propagate
- View-state is correctly updated
- Views properly configured when recycled
- (Nearly infinite permutations of changes)



Learn Mobile from the Experts

21st century businesses aren't just digital, they're mobile. Phones, tablets and other devices are all first-class online citizens. Learn how Facebook, The Guardian, and Flipkart grappled with the problem of serving their mobile customers effectively.

3.Recently Added

- ✓ 새롭게 출판된 신간도서와 비디오, 교육동영상 등을 살펴 볼 수 있습니다.
- ✓ 자료유형, 토픽, 출판사, 최신자료 정렬 및 제목, 저자, 출판사로 검색지원

#2018년 12월 현재 4,300여 도서 자료 제공 중

1-10 OF 43887 SEARCH RESULTS FOR

Everything ▼ *

Showing all media in all topics from all publishers sorted by Date Added

Browsing? [Try our topics pages.](#)



Serverless Architectures with AWS

by Mohit Gupta
Publisher: Packt Publishing
Published: December 2018

Don't waste your energy thinking about servers; use AWS to build enterprise-grade serverless applications on AWS. Study different approaches to deploy and maintain serverless applications on AWS. You'll also get to grips with other capabilities of the AWS



Implementing DevOps with AWS

by Salle Ingle
Publisher: Packt Publishing
Published: December 2018

Labs demonstrate infrastructure orchestration, CI/CD, and scaling on AWS using CodeBuild, continuous integration and deployment to quickly deliver secure software.



Deep Learning for Python Developers

Java (947)
Team Management & Leadership (837)
Spring (818)
Leadership (636)
Python (521)
Adobe Photoshop (520)
Windows Server (520)
Photography (498)
Game Development (466)
Java EE (414)
Microsoft Project (343)

SEARCH HELP

★★★★★
0 REVIEWS

atures Learn how to quickly and easily go serverless Explore AWS and Lambda: the first building blocks of description Serverless Architecture with AWS begins with an introduction to the serverless model and helps you d see how AWS supports enterprise-grade serverless applications with and without Lambda.

★★★★★
0 REVIEWS

eline, and CodeStar. About This Video Learn to orchestrate your infrastructure with AWS developer tools. Perform

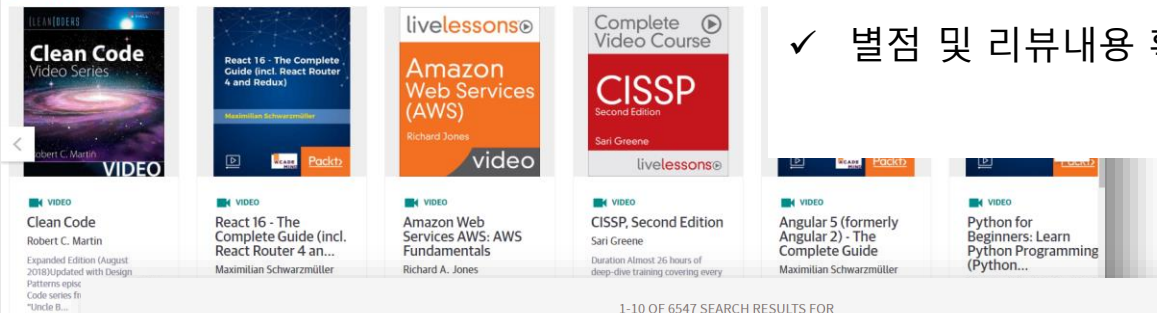
★★★★★

4.Popular Video

Popular Videos

Keep pace with your peers. Browse the most-viewed videos.

[See More >](#)



1-10 OF 6547 SEARCH RESULTS FOR

Everything ▾ *

Showing: video (6547) in all topics from all publishers sorted by Popularity

Browsing? [Try our topics pages.](#)

SEARCH HELP



Clean Code

by Robert C. Martin

Publisher: Addison-Wesley Professional

Published: December 2016

Expanded Edition (August 2018) Updated with Design Patterns episodes from the Clean Code series from Clean Coders by "Uncle Bob" Martin. The Clean Code Video Series contains selected episodes from Uncle Bob's Clean Code series at CleanCoders.com, including: Fundamentals Advanced TDD Design Patterns Behavior Driven Development Clean Code Overview Get ready for something very different. This ain't no screen cast.

★★★★★
162
REVIEWS



React 16 - The Complete Guide (incl. React Router 4 and Redux) - Dive in and learn React from scratch!

by Maximilian Schwarzmüller

Publisher: Packt Publishing

Published: May 2018

Dive in and learn React from scratch! Learn React.js, Redux, React Routing, Animations, Next.js basics and way more! About This Video What's in the course?

★★★★★
25
REVIEWS



CISSP, Second Edition

by Sari Greene

Publisher: Pearson IT Certification

Published: June 2018

★★★★★
12
REVIEWS

- ✓ 동종/관심분야 동료(peer)들의 이용빈도가 높은 비디오자료.
- ✓ 인기순 정렬
- ✓ 별점 및 리뷰내용 확인

#2018년 12월 현재 6,500여 비디오 자료 제공 중

★★★★★

This Series of videos really changes my way of writing software code, and it's a very pleasant way of presenting the information, Thanks Uncle Bob.

By Alaa-gamal on October 13, 2018

★★★★★

Absolutely brilliant.

By benjaminbershalom on October 9, 2018

★★★★★

By veerabhadradus on September 12, 2018

★★★★★

By vallab on August 17, 2018

★★★★★

Focuses you on the fundamentals of what it means to be a professional programmer. The whole series is an entertaining romp through the whats and whys of writing great software, with plenty of historical context and live examples. It also unmasks the poser architects and Agile project managers, and shows you where to find the true value of these disciplines. Amazing!

By geronimus on August 5, 2018

★★★★★

By jmpda on July 18, 2018

★★★★★

By kevinwinter on July 18, 2018

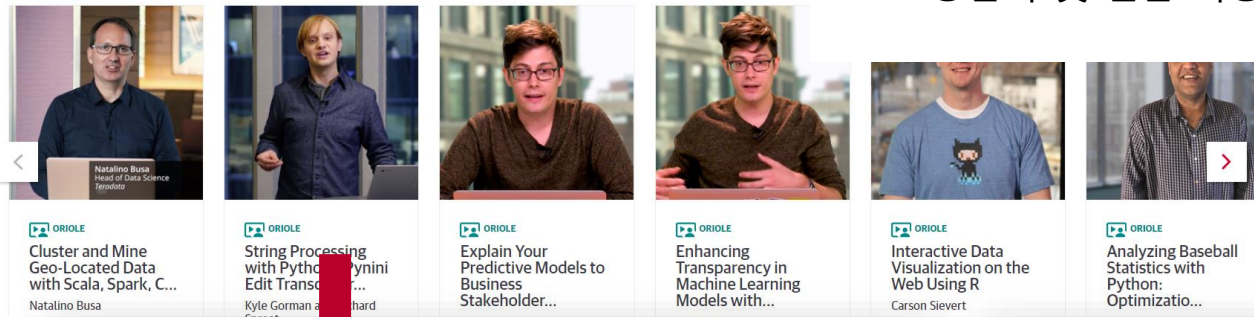
5.Oriole Online Tutorials

- ✓ 양방향 코딩 학습 Tool로 전문가들의 교육 동영상과 실시간 코딩입력 및 실습 기능 제공.

Oriole Online Tutorials

Learn by doing, with step-by-step training and an interactive coding environment.

[See More >](#)



String Processing with Python's Pynini Edit Transducer

In this Oriole, we describe a data structure called the edit transducer and show how it can be used for string problems in fields such as bioinformatics, information retrieval, and natural language processing.

By Kyle Gorman, April 25, 2018

String alignment and matching are used in bioinformatics, information retrieval, and natural language processing. For example, RNA and DNA bases are aligned to detect mutations, and string matching is used to detect plagiarism, correct spelling mistakes, and provide "translation memories" to assist human translators. Efficient algorithms exist for these problems, but their implementations tend to be complex and use ad hoc designs, limiting code reuse.

In this Oriole, we describe a data structure called the edit transducer and show how it can be used for string problems. An edit transducer is an abstract data structure—more specifically, a weighted finite-state transducer (WFST)—which expresses:

- the ways in which strings may differ from each other, and
- the costs associated with these differences.

An edit transducer and an operation called composition is first used to create a lattice—itself a WFST—aligning pairs of strings. We then use the lattice to compute the Levenshtein distance, a widely used metric of string similarity, or to build a Levenshtein automaton used



Go tooling

In this particular exercise, we will utilize the following Go packages/tooling to explore/manipulate our data set and build our linear regression model. A more complete listing of data science related tooling for Go can be found [here](#).

- [github.com/sajari/regression](#) - a simple, dependable regression package
- [github.com/gonum/plot](#) - a plotting package
- [github.com/gonum/floats](#) - a convenience package for working with slices of floats
- [github.com/kmiren/gota](#) - dataframes for Go

```
1 import (
2     "github.com/sajari/regression"
3     "github.com/kmiren/gota/dataframe"
4     "github.com/gonum/plot"
5     "github.com/gonum/plot/plotter"
6     "github.com/gonum/plot/vg"
7     "github.com/kmiren/gota"
8 )
```

RUN

We are also going to import the following from stdlib:

```
1 import (
2     "math"
3     "fmt"
4     "io/ioutil"
5     "log"
6     "os"
7 )
```

RUN

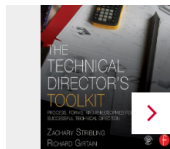
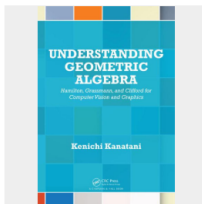
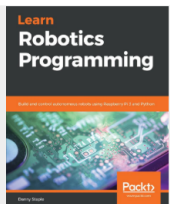


6.Trending

Trending

See what skills others are mastering. Explore our most popular titles and classes.

[See More >](#)



BOOK

Architecting Data Lakes

Ben Sharma and Ashish Thusoo

Many organizations use Hadoop-driven data lakes as an adjunct staging area for their enterprise data warehouses (EDW). But f...

BOOK

Learn Robotics Programming

Danny Staple

Gain experience of building a next-generation collaboration robotkey FeaturesGet up and running with the fundamentals of rob...

BOOK

Understanding Geometric Algebra

Kenichi Kanatani

Understanding Geometric Algebra: Hamilton, Grassmann, and Clifford for Computer Vision and Graphics introduces geometric alg...

BOOK

Designing Autonomous Teams and Services

Nick Tune & Scott Millett

BOOK

Process Improvement

BOOK

The Technical Director's Toolkit

Browsing? [Try our topics pages.](#)

SEARCH HELP



Designing Data-Intensive Applications

by Martin Kleppmann
Publisher: O'Reilly Media, Inc.
Published: March 2017

★★★★★
98 REVIEWS

Data is at the center of many challenges in system design today. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers.



Clean Code

by Robert C. Martin
Publisher: Addison-Wesley Professional
Published: December 2016

★★★★★
162 REVIEWS

Expanded Edition (August 2018) Updated with Design Patterns episodes from the Clean Code series from Clean Coders by "Uncle Bob" Martin. The Clean Code Video Series contains selected episodes from Uncle Bob's Clean Code series at CleanCoders.com, including: Fundamentals Advanced TDD Design Patterns Behavior Driven Development Clean Code Overview Get ready for something very different. This ain't no screen cast.



Effective Java, 3rd Edition

by Joshua Bloch
Publisher: Addison-Wesley Professional
Published: December 2017

★★★★★
36 REVIEWS

The Definitive Guide to Java Platform Best Practices—Updated for Java 7, 8, and 9 Java has changed dramatically since the previous edition of Effective Java was published shortly after the release of Java 6. This Jolt award-winning classic has now been thoroughly updated to take full advantage of the latest language and library features. The support in modern Java for multiple paradigms increases the need for specific best-practices advice, and this book delivers.



React 16 - The Complete Guide (incl. React Router 4 and Redux) - Dive in and learn React from scratch!
by Maximilian Schwarzmüller

★★★★★
25 REVIEWS

✓ 인기도서, 이용빈도가 높은 도서의 목록 및 별점, 리뷰 정보 제공

Browse

제공자료를 형태, 유형별로 볼 수 있는 기본 접속 화면

Recommended

이용자의 이용자료, 주제등을 분석한 관심자료 추천 기능

Playlists

본인이 이용하거나, 예정인 관심자료를 저장, 분류 할 수 있는 즐겨 찾기 목록 기능

History

최근 이용내역을 확인 할 수 있는 History 기능

Topics

10여개 대주제, 1,000여 상세주제의 자료를 분류하여 접근 할 수 있는 기능

Tutorials

18개의 학습프로그램으로 구성. 각 프로그램은 각 레슨별 성취도 및 진행단계 현황 제공

Highlights

이용자자료에 메모, 코멘트 등 표기하여 저장하고, 동료와 공유 할 수 있는 share 기능 제공

Browse

Recommended

Playlists

History

Topics

Tutorials

Highlights

Settings

Administration

Support

Sign Out

ON OUR RADAR



The 3 Essentials of Front-End Web

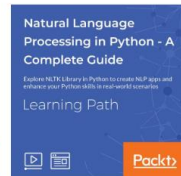
Front-end web developers are in demand. Learn more in this video packed with exercises and code examples.

Start watching >

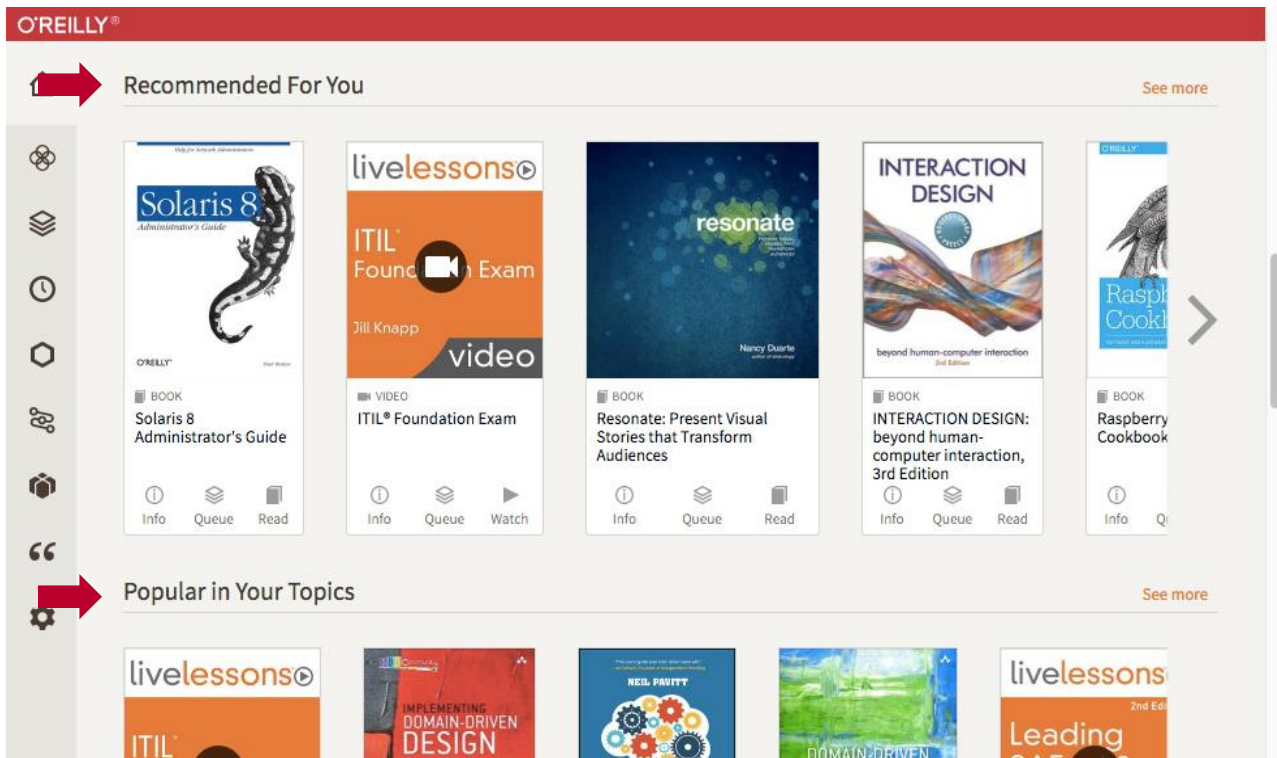
Learning Paths

Learn at your own pace with our expert-curated learning paths.

See More >



이용자의 이용자료, 주제등을 분석하여 추천목록과 해당 주제의 인기자료를 쉽게 접근 할 수 있도록 목록 제공





Browse



Recommended



Playlists



History



Topics



Tutorials



Highlights

이용하거나, 예정인 관심자료를 저장, 분류 할 수 있는
즐거 찾기 목록 기능

Find a solution

Filter by: All ▼

Search



Introducing Playlists, a new way to organize content in O'Reilly, your way. Getting started is easy—create a playlist today. ×

Browse



Recommended



Playlists



History



Topics



Tutorials



Highlights



Settings



Welcome to Your All Playlists Page

You can create a playlist right here — or just by tapping next to any item you see on Safari.

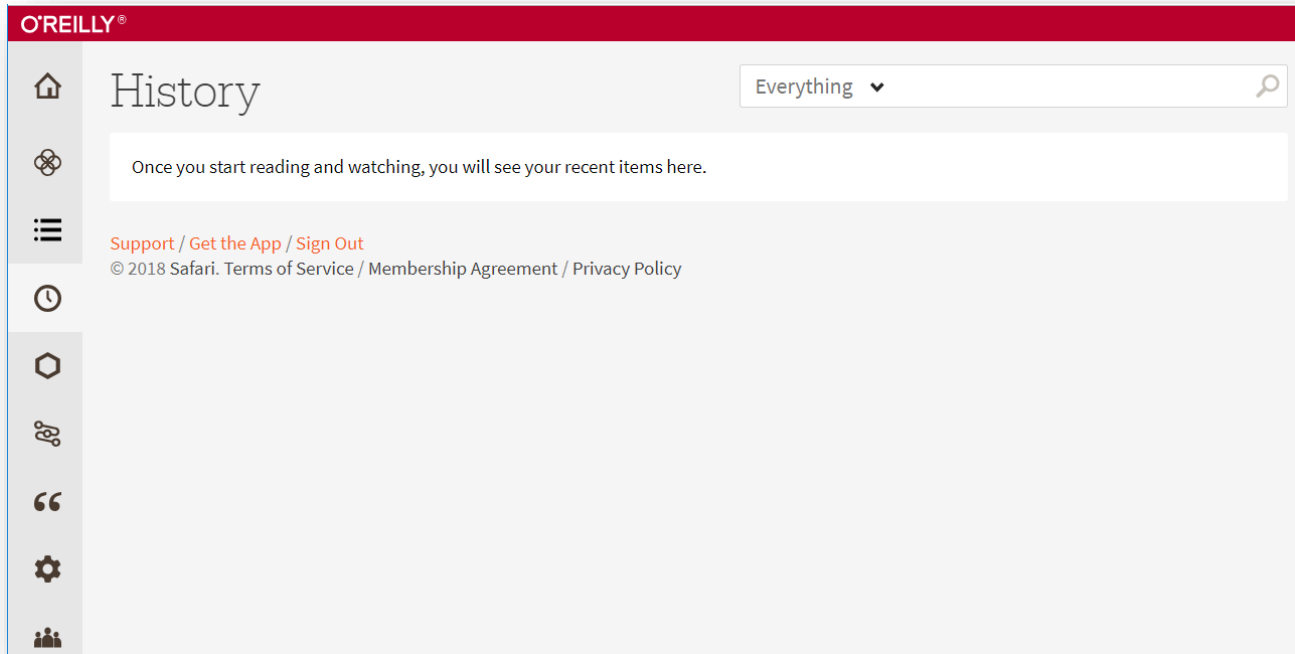
Make a reading list, organize your favorite videos, or build your own skills.

Create Playlist

or Browse Titles

 Browse Recommended Playlists History Topics Tutorials Highlights

History 메뉴에서 최근 이용내역을 확인 할 수 있습니다.



Topics

Everything ▾



Can't find your favorite topic? Don't worry—it's still there. We've revamped our topic structure, adding four times as many subjects, plus subtopics for each. You now have nearly 1,000 topics to choose from, with granularity that makes it easy to find exactly what you're looking for. And, stay tuned for more updates as we continue to improve your topic experience.

Jump to a topic

Select ▾

Select

Business

Career Development

Data

Design

Hardware

Math, Science, Engineering

Other

Security

Software Development

System Administration

Travel & Hobbies

Web & Mobile

59 books and 7 videos in this topic

All Topics

Security

- Security Operations
- Security Certifications
- Governance
- Digital Forensics
- Application Security
- Penetration Testing / Ethical Hacking
- Network Security
- Frameworks and Standards
- Security Engineering
- Malware

Showing all media ▾

from all publishers ▾

sorted by Date Added ▾



Software Development, Web Development, Innovation 등 18개의
학습프로그램으로 구성. 각 프로그램은 각 레슨별 성취도 및 진행단계
현황을 통해 자기 주도 학습을 진행 할 수 있음

The screenshot displays the O'Reilly learning platform interface. On the left is a dark sidebar with navigation options: Browse, Recommended, Playlists, History, Topics, Tutorials (highlighted in red), and Highlights. The main content area is titled 'All Tutorials (18)' and lists various categories: My Tutorials (18), Analytics, Business & Management, Information Technology / Operations, Innovation, Leading Teams, Management Communication, New Manager Essentials, Personal & Professional Development, Programming Languages, Project Management, Software Development, and Web Development. Below the list, there are three tutorial cards. The first card is for 'Agile Development - Role of the Product Owner' under 'Project Management', with a 'Start Learning' button. The second card is for 'Agile Development - Role of the Scrum Master' under 'Project Management', also with a 'Start Learning' button. The third card is for 'Big Data' under 'Analytics', with a 'Start Learning' button. Below these cards is a progress bar showing '1 OF 28 LESSONS COMPLETED (7 HRS, 31 MINS LEFT)'. The bottom section shows a detailed view of the 'Role of Product Owner' lesson, including an 'Introduction' paragraph and a 'Chapter 9. Product Owner' section.

All Tutorials (18)

My Tutorials (18)

Analytics

Business & Management

Information Technology / Operations

Innovation

Leading Teams

Management Communication

New Manager Essentials

Personal & Professional Development

Programming Languages

Project Management

Software Development

Web Development

All Tutorials (18)

Project Management **Start Learning**

Agile Development - Role of the Product Owner

Roles and Responsibilities, Agile Teams, Planning, Backlog and User...

Project Management **Start Learning**

Agile Development - Role of the Scrum Master

Roles and Responsibilities, Values, Mindsets, and Behaviors, Team R...

Analytics **Start Learning**

Big Data

It's a Big Data World, Big Data Technologies and Tools, Dealing wit...

1 OF 28 LESSONS COMPLETED (7 HRS, 31 MINS LEFT)

Business & Management

Business Skills for Product Managers

Understanding Financial Models

Role of Product Owner

Introduction

As product owner, your leadership and guidance are crucial to the success of the product. In this lesson, you will learn what responsibilities you hold and what attributes you need to be successful in this role. The simplest structure for product owner is a single person for a single product. However, that arrangement is not always feasible. This reading covers other possible structures and will prepare you for various scenarios you might encounter.

Chapter 9. Product Owner

In this chapter I expand the description of the product owner role. I begin by explaining the purpose of this role relative to other Scrum roles. Then I detail the principal responsibilities and characteristics of a product owner. Next I present a "day in the life" of a product owner over the course of multiple weeks. I then discuss who should be a product owner for different types of product development. I conclude by describing how the product owner role can be combined with other roles and how it can be scaled up into a product owner team.

OVERVIEW

이용자료에 메모, 코멘트 등 표기하여 저장하고, 해당 자료(도서,비디오)로 바로 이동하거나, 동료와 공유 할 수 있는 Share 기능 제공

The screenshot displays the O'Reilly Safari Home interface. On the left is a dark sidebar with navigation options: Browse, Recommended, Playlists, History, Topics, Tutorials, and Highlights (highlighted in red at the bottom). The main content area shows a book page for 'High Performance Responsive Design'. A text snippet is highlighted in yellow: 'The payload of responsive websites has a long-tailed distribution that stretches out into 4 MB, whereas mdot sites are all distributed across ranges less than 1 MB. In fact, mdots are most thickly'. Below this, a 'Highlight' box contains the same text. A sidebar on the right of the highlight box shows icons for highlighting, aggregation, and sharing. A callout box in the bottom right corner lists features: Highlights, Notes, Note aggregation, and Ability to share notes.

You have no highlights yet, Jung-Im Heo

To help you remember what you've been learning, you can make quick highlights in Safari. All your highlights will be saved to this page for quick recall later on. Highlights can be public or private, and you can also choose to add a note to your highlight, and to share it with your team.

PREV Preface

High Performance Responsive Design

NEXT 2. Primer on Performanc...

Highlight

The payload of responsive websites has a long-tailed distribution that stretches out into 4 MB, whereas mdot sites are all distributed across ranges less than 1 MB.

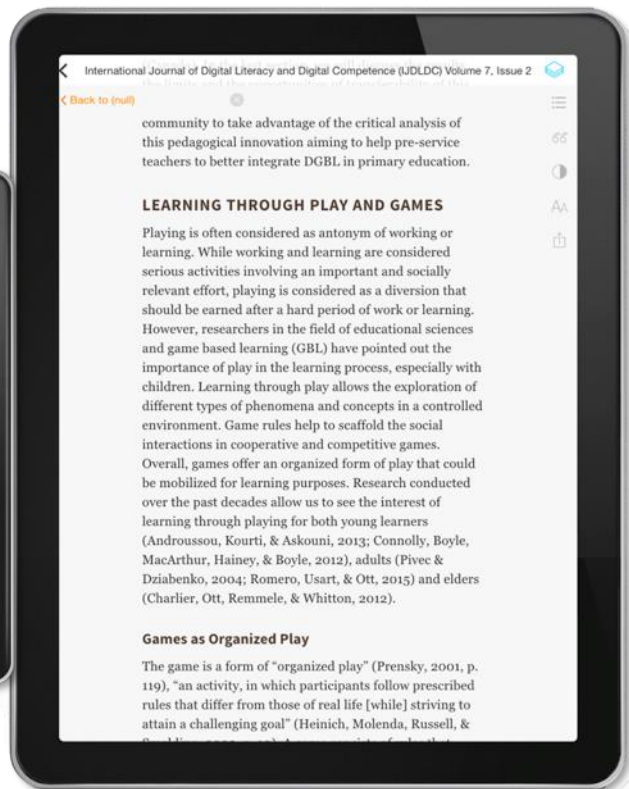
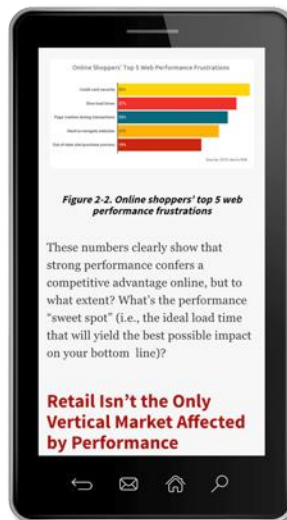
Payload sizes|

Once you hit Save, your highlight as

- Highlights
- Notes
- Note aggregation
- Ability to share notes

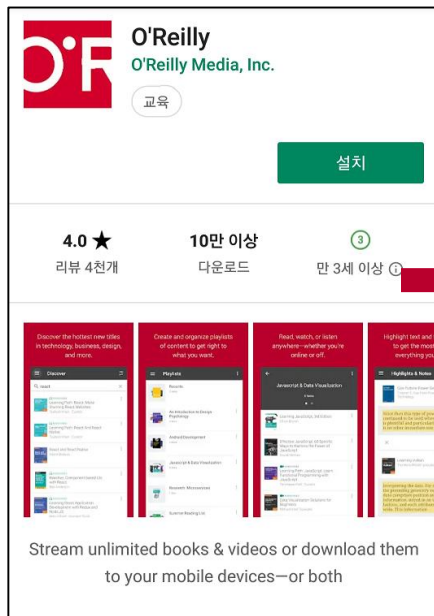
모바일, 스마트 기기 이용

- iOS and Android 모든 스마트기기에서 App을 다운받아 손쉽게 모든 콘텐츠를 이용 할 수 있습니다.

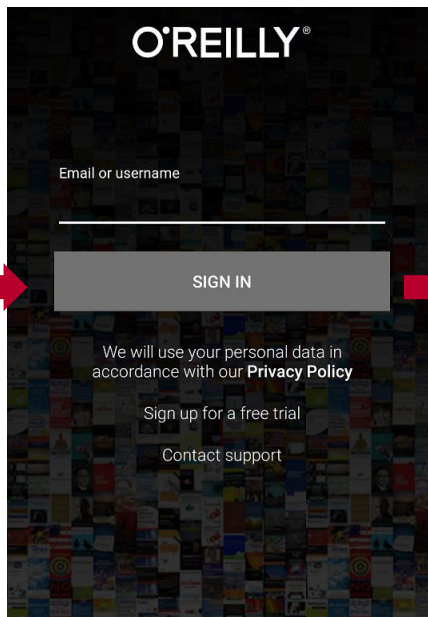


웹접속과 동일한 계정의 개인기록 및 저장 목록 등 모든 기능을 이용 할 수 있습니다.

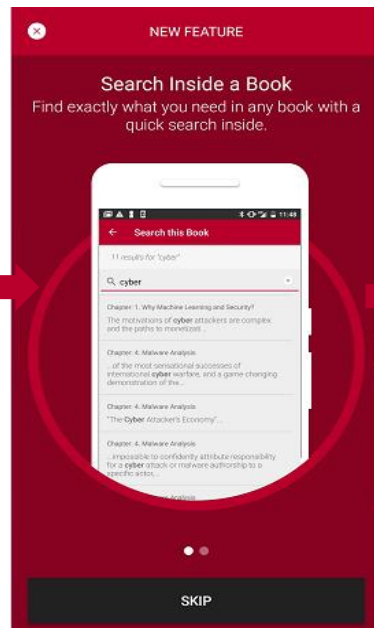
App다운로드



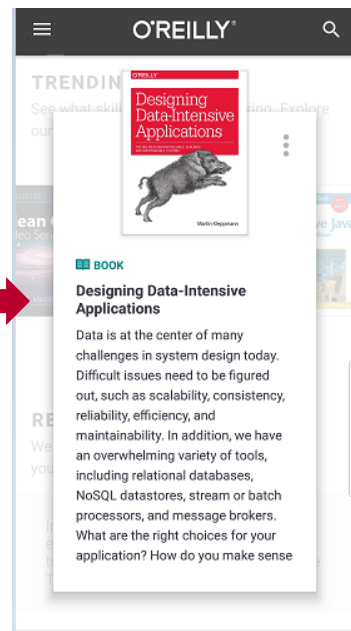
로그인



접속



자료이용



<https://youtu.be/jomtfZ-kpbg>