웹접근성과 웹표준 (HTML5 & CSS3)

프론트엔드 SCHOOL 4기

김데레사

seulbinim@gmail.com

INERNET

INTERNET SEVICE

Telnet IRC
e-mail Archie
Usenet Gopher
FTP WWW



World Wide Web









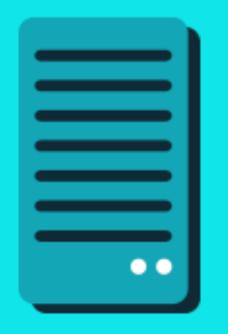


당신 어디에 있나요… 당신이 사는 곳은 어떤 곳이죠?





BACK-END



FRONT-END



Server

Database

Application Layer

Client
Web Browser
Presentation Layer

FRONT-END



web기술의설정값

프론트엔드(Front End)

HTML5



건강한신체

프론트엔드(Front End)

CSS3



근사한스타일링

프론트엔드(Front End)

Javascript



스마트한 두뇌

Web Standards



World Wide Web Consortiums



TECHNICAL REPORTS =

By date

By group

WEB AND INDUSTRY =

Automotive

Digital Publishing

Entertainment (TV and Broadcasting)

Web and Telecommunications

Web of Data

Web of Things

Web Payments

Web Security

WEB FOR ALL

Views: desktop mobile print

STANDARDS PARTICIPATE MEMBERSHIP ABOUT W3C



26 August 2016 I Archive



W3C published today the report of the W3C Blockchains and the Web workshop. held on 29-30 June, 2016, in Cambridge, Massachusetts, USA. Participants at the workshop found many topics for possible standardization or incubation, including various aspects of identity and proof-of-existence, as well as smaller. blockchain primitives that could increase interoperability across different. distributed ledgers.

Discussion will continue in the Blockchain Community Group, which will coordinate across different communities and groups to foster standardization where needed, as discussed in the related blog post, "Building Blocks of Blockchains". This popular workshop had over one hundred attendees, and was hosted by MIT Media Lab and sponsored by NTT, Blockstream, and other W3C Members.

- First Public Working Draft: Ethiopic Layout Requirements
- 8 September 2016 LArchive.
- FPWD of Graphics Accessibility API Mappings, and updates to WAI-ARIA Graphics Module and SVG Accessibility API Mappings WD

8 September 2016 LArchive.

The World Wide Web Consortium (W3C) is an international community that develops open standards to ensure the long-term growth of the Web. W3C operates under our Code of Ethics and Professional Conduct.

국가법 W3C

Go

Skip

Become a Friend of W3C to support the W3C mission. and free developer tools.

W3C BLOG =

Dave Raggett at Industry of Things World 12 September 2016 by Coralle Mercier

Memento at the W3C

31 August 2016 by Herbert Van De Sompel

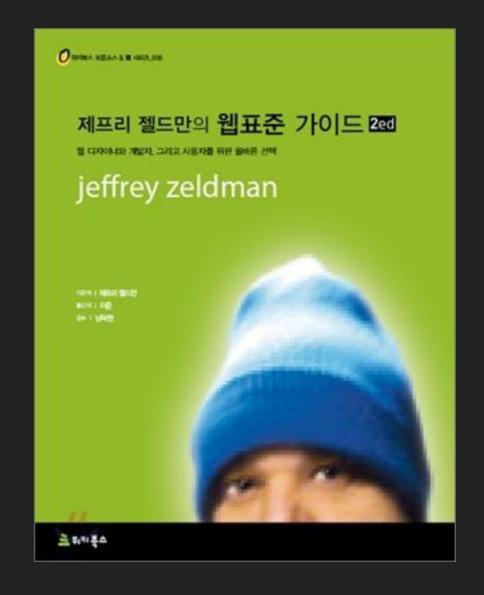
Building Blocks to Blockchains: a Report on the W3C Blockchains and the Web Workshop 26 August 2016 by Doug Schepers

JOBS ≡

Open position for a Web Accessibility Engineer

제프리젤드만의

웹표준가이드



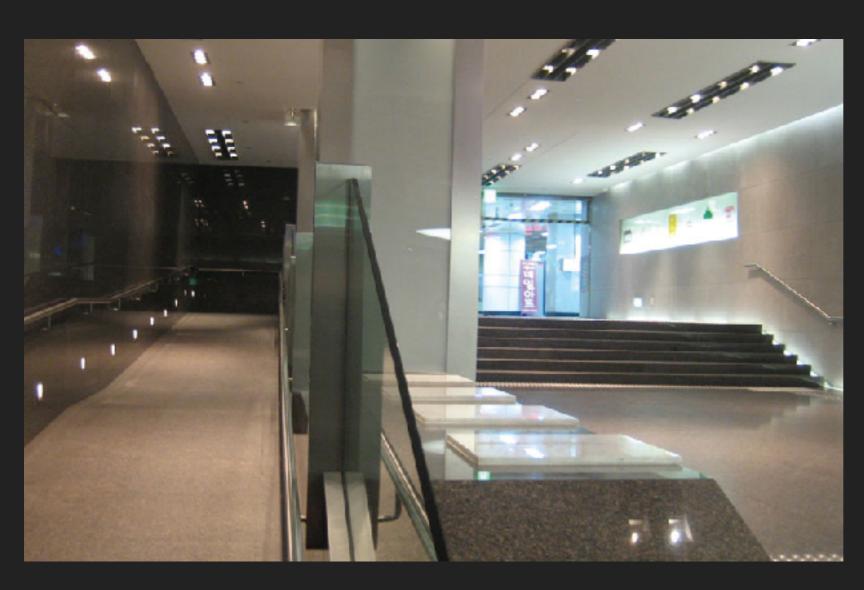


Web Accessibility

The power of the Web is in its universality, access by everyone regardless of disability is an essential aspect.

Tim Berners - Lee

Web Accessibility





장에에 대한이해

시각 장애 - 전맹, 저시력 청각 장애 지체 장애 - 절단 및 지체기능 장애 뇌병변 장애

"장애인에게 필요한 것은 줄기세포가 아니라 현실적인 정보기술(IT)"



■이상묵 교수가 세상과 소통하는 방법

1 헤드 마우스

PC 카메라와 이마에 부착한 스티커 센서가 서로 교신 머리가 움직이는 방향으로 커서가 이동

2 전동휠체어 조정간

머리를 기울이는 방향으로 휠체어 이동

3 음성인식 마이크

영어로 말하면 문자로 자동 변환

4 입김 작동 마우스

마우스 끝을 빨면 왼쪽 클릭, 불면 오른쪽 클릭, 두 번 빨면 더블 클릭



장애는...

볼 수 없는 것이 아니라 보는 방법이 다를 뿐

걸을 수 없는 것이 아니라 걷는 방법이 다를 뿐

말할 수 없는 것이 아니라 말하는 방법이 다를 뿐

환경에 대한 이해

다양한 Platform Cross Browsing **SEO** (Search Engine Optimization) 저사양 또는 저속회선

원숭이실험 오이 VS 포도

장애인 차별 금지 및 권리 구제 등에 관한 법률

제 21조 (정보통신, 의사소통에서의 정당한 편의 제공)

행위자는 장애인에게 전자 정보 및 비전자정보를 <mark>동등하게</mark> 접근, 이용할 수 있는 필요한 수단을 제공

시행령 제 14조 (정보 접근, 의사소통에서의 정당한 편의 제공의 단계적 범위 및 편의의 내용)

누구든지 신체적, 기술적 여건과 관계없이 웹 사이트를 통하여 원 하는 서비스를 이용할 수 있도록 <mark>접근성</mark>이 보장되는 웹 사이트

3천만원이하의 벌금

3년 이하의 징역

웹접근성은 더이상

선택이아닌필수

웹접근성보장및개선?

How To ...

27 | 天

방법론

가이드라인 준수



Web Content Accessibility Guidelines

Web Accessibility Initiative

W3C" Web Accessibility initiative

WAI: Strategies, guidelines, resources to make the Web accessible to people with disabilities

W3C Home

Web Accessibility Initiative (WAI) Home

Getting Started

Designing for Inclusion

Guidelines & Techniques

Web Content (WCAG)

WCAG 2.0 technical

- How to Meet (Quick Reference) [™]
- WCAG 2.0 ⋈
- Techniques N
- Understanding &
- Conformance Logos
- Translations

WCAG 2.0 educational

- The WCAG Documents IS.
- WCAG at a Glance
- WCAG 2 FAQ
- Applying to Non-Web ICT

Transition to 2.0

- How 2.0 Differs from 1.0
- Comparison of 1.0 to 2.0 Ŋ
- Update Your Website

Submission forms

- Submitting Techniques K.
- Commenting on WCAG
- More WCAG 2.0 docs
- WCAG 1.0 documents

Web Content Accessibility Guidelines (WCAG) Overview

Web Content Accessibility Guidelines (WCAG) is developed through the <u>W3C process</u> in cooperation with individuals and organizations around the world, with a goal of proving a single shared standard for web content accessibility that meets the needs of individuals, organizations, and governments internationally.

The WCAG documents explain how to make web content more accessible to people with disabilities. Web "content" generally refers to the information in a web page or web application, including:

- natural information such as text, images, and sounds
- code or markup that defines structure, presentation, etc.

Who WCAG is for

WCAG is primarily intended for:

- Web content developers (page authors, site designers, etc.)
- Web authoring tool developers.
- Web accessibility evaluation tool developers
- Others who want or need a standard for web accessibility

Related resources are intended to meet the needs of many different people, including policy makers, managers, researchers, and others.

WCAG is a technical standard, not an introduction to accessibility. For introductory material, see Where should I start? in the FAQ.

What is in WCAG 2.0

<u>WCAG 2.0</u> is a stable, referenceable technical standard. It has 12 guidelines that are organized under <u>4 principles: perceivable, operable, understandable, and robust.</u> For each guideline, there are testable *success criteria*, which are at <u>three levels: A, AA, and AAA</u>.

For a short summary of the WCAG 2.0 guidelines, see WCAG 2.0 at a Glance.

To learn about web accessibility principles and guidelines, see Accessibility Principles.

The WCAG 2.0 supporting technical materials include:

Quick links:

 How to Meet WCAG 2.0 (Quick Reference)

Skip to Content | Change text size or color.

- WCAG 2.0 Technical Standard
- WCAG 2.0 at a Glance

Page Contents

- What is in WCAG 2.0
- ▼ WCAG 2.0 is ISO/IEC 40500
- ▼ WCAG with other guidelines
- Who develops WCAG
- More Information

4기 원칙

Perceivable (인지, 자각) Operable (운용) nderstandable (이하) Robust (탄탄한, 견고한)

웹표준 준수



https://github.com/seulbinim/FDS04/

자료 다운로드