

## 2022 부트캠프 042

### - OAuth2.0 ( google인증 사용법 ) / findOrCreate / WAI-ARIA

#### !Tips & Links

- ※ 강의 <https://www.udemy.com/course/the-complete-web-development-bootcamp/>
- ※ Passport <https://www.passportjs.org/> / Google Dev Console <https://console.cloud.google.com/apis/dashboard>
- ※ WAI-ARIA role <https://www.w3.org/TR/html-aria/#docconformance>
- ※ 구글 APIs <https://console.cloud.google.com/apis/library?project=striking-gadget-351806&supportedpurview=project>

**findOrCreate** :  
(많이 쓰는 기능임)

|   |   |
|---|---|
| <a href="https://stackoverflow.com/questions/20431049/what-is-function-user-findorcreate-doing-and-when-is-it-called-in-passport">https://stackoverflow.com/questions/20431049/what-is-function-user-findorcreate-doing-and-when-is-it-called-in-passport</a> |   |
| ① Copy source code from Doc...  | ② OR Use npm package such as 'mongoose-findOrCreate'<br><a href="https://www.npmjs.com/package/mongoose-findOrCreate">https://www.npmjs.com/package/mongoose-findOrCreate</a><br><pre>npm i mongoose-findOrCreate const findOrCreate = require('mongoose-findOrCreate'); userSchema.plugin(findOrCreate);</pre> |

**WAI-ARIA** :  
(상단링크, 추후 정리)

Web Accessibility Initiative – Accessible Rich Internet Applications, W3C에서 만듦  
 ex) role="checkbox", aria-checked="true" 접근성: 체크박스 역할, 체크 여부  
 역할+의미를 부여 -> 틀리면 안 됨! ex) a, button에는 **tabindex** 등 // 의미 중복x

#### Passport Google OAuth2.0 사용법

|                          |  |  |
|--------------------------|--|--|
| a button 추가              | <a class="btn btn-social btn-google" href="/auth/google" role="button"></a> // a인데 버튼임   |  |
| GET                      | auth/google  | <a href="https://www.passportjs.org/packages/passport-google-oauth20/#authenticate-requests">https://www.passportjs.org/packages/passport-google-oauth20/#authenticate-requests</a><br>링크 Doc의 Authenticate Requests 복사 => GET에 구글 authentication 페이지 연결!<br><pre>app.get('/auth/google', ()=&gt;{ passport.authenticate('google', { scope: { profile } }));</pre> 구글 인증(profile요구) > 구글에서 인증 후, 포인트로 보냄 => "/auth/google/secrets" |
|                          | auth/google/secrets  | GET리퀘스트(=구글, 우리 사이트로 redirect할 때 생성)<br><pre>app.get('/auth/google/콜백', // 콜백=secrets   passport.authenticate('google', { failureRedirect: '/login' }), // 실패하면 연결   function(req, res) {     res.redirect( '/secrets' ); // 성공하면 연결   });</pre>   |
| serialize (de-serialize) | <pre>passport.serializeUser(User.serializeUser()); passport.deserializeUser(User.deserializeUser());</pre>   |  |
| code 교체                  | <pre>passport.serializeUser((user, done)=&gt;{ done(null, user.id); }); passport.deserializeUser((id, done)=&gt;{   User.findById(id, (err, user)=&gt;{     done(err, user);   }); });</pre>       |  |
| googleId                 | 스키마에 googleId 추가(String), googleId값으로 사용자를 식별, identified<br>기존, only local passport-local-mongoose  |  |
| btn CSS 복사               | Bootstrap-social buttons, <a href="https://lipis.github.io/bootstrap-social/">https://lipis.github.io/bootstrap-social/</a><br>css파일 복사, header에 link // .btn-social .btn-google<br>다방면으로 사용할 수 있음 |  |

/\* -----<lang: en>----- \*/  
 will associate it all with this ~  
 Document conformance requirements(문서 적합성 요구사항) for use of ARIA attributes in HTML