

[↗ https://blog.pages.kr/2482](https://blog.pages.kr/2482) - 반응형 웹을 위해 개발자가 꼭 알아야 할 기술들

[↗ https://blog.pages.kr/2483?category=129362](https://blog.pages.kr/2483?category=129362) - 반응형 웹 레이아웃 설계

[↗ https://wtss.tistory.com/206](https://wtss.tistory.com/206) - 반응형 웹 따라만들기

[↗ https://github.com/Dayyoung/snshero](https://github.com/Dayyoung/snshero) - 반응형 웹 예제

[↗ https://technext.github.io/constra/index-2.html](https://technext.github.io/constra/index-2.html) - 반응형 웹 예제2

[↗ https://wtss.tistory.com/239#](https://wtss.tistory.com/239#) → 반응형 웹 실제로 테스트

[↗ https://technext.github.io/constra/index-2.html](https://technext.github.io/constra/index-2.html) → HTML 반응형 웹 예시

[↗ https://themewagon.com/theme-price/free](https://themewagon.com/theme-price/free) 웹 템플릿

[↗ https://sheoae12.github.io/responsive_test/](https://sheoae12.github.io/responsive_test/) → 테스트 웹 페이지

[↗ https://www.youtube.com/watch?v=67stn7Pu7s4&list=PLv2d7VI9OotQ1F92Jp9Ce7ovHEsuRQB3Y&index=15](https://www.youtube.com/watch?v=67stn7Pu7s4&list=PLv2d7VI9OotQ1F92Jp9Ce7ovHEsuRQB3Y&index=15) → 클론코딩 유튜브 사이트 따라만들기

[↗ https://velog.io/@st2702/%EB%B0%98%EC%9D%91%ED%98%95-%EC%9B%B9-Media-Query](https://velog.io/@st2702/%EB%B0%98%EC%9D%91%ED%98%95-%EC%9B%B9-Media-Query) → 리액로 반응형 페이지 만들기

[↗ https://marmelab.com/react-admin/Tutorial.html](https://marmelab.com/react-admin/Tutorial.html)

-(supporting mobile devices 참고)

[↗ https://hhkim0729.github.io/react-board/](https://hhkim0729.github.io/react-board/) - 리액트 게시판 예제(반응형x)

[↗ https://antdev.tistory.com/77?category=803524](https://antdev.tistory.com/77?category=803524) → 리액트 프로젝트 생성 및 게시판 튜토리얼

[↗ https://firebase.google.com/docs/storage/web/start?hl=ko](https://firebase.google.com/docs/storage/web/start?hl=ko) → 웹에서 Cloud Storage 시작하기

[↗ https://duckgugong.tistory.com/m/207](https://duckgugong.tistory.com/m/207) → React & Firebase 연동

GitHub

[↗ https://github.com/sheoae12/HOLO_web](https://github.com/sheoae12/HOLO_web)

React sample 사이트

[↗ https://reactjsexample.com/](https://reactjsexample.com/)

Node.js 학습 사이트

[↗ https://opentutorials.org/course/3332/21030](https://opentutorials.org/course/3332/21030)

npm 명령어

- npm start
 - Starts the development server
- npm run build
 - Bundles the app into static files for production
- npm test
 - Starts the test runner
- npm run eject
 - Removes this tool and copies build dependencies, configuration files and scripts into the app directory. If you do this, you can't go back!

- 조건부 렌더링 [🔗https://dev-pengun.tistory.com/entry/React-%EB%A6%AC%EC%95%A1%ED%8A%B8-%EA%B8%B0%EC%B4%88-%EB%B0%B0%EC%9A%B0%EA%B8%B0-6-%EC%A1%B0%EA%B1%B4%EB%B6%80-%EB%A0%8C%EB%8D%94%EB%A7%81](https://dev-pengun.tistory.com/entry/React-%EB%A6%AC%EC%95%A1%ED%8A%B8-%EA%B8%B0%EC%B4%88-%EB%B0%B0%EC%9A%B0%EA%B8%B0-6-%EC%A1%B0%EA%B1%B4%EB%B6%80-%EB%A0%8C%EB%8D%94%EB%A7%81)
- 좋아요 하트 이벤트 [🔗https://ablue-1.tistory.com/21](https://ablue-1.tistory.com/21)
- 테이블 DB [🔗https://goddino.tistory.com/154](https://goddino.tistory.com/154)
- flexbox 사용법 [🔗https://d2.naver.com/helloworld/8540176](https://d2.naver.com/helloworld/8540176)
- position 가운데 정렬 [🔗http://hong.adfeel.info/frontend/position%EC%9C%BC%EB%A1%9C-%EA%B0%80%EC%9A%B4%EB%8D%B0-%EC%A0%95%EB%A0%AC%ED%95%98%EA%B8%B0/](http://hong.adfeel.info/frontend/position%EC%9C%BC%EB%A1%9C-%EA%B0%80%EC%9A%B4%EB%8D%B0-%EC%A0%95%EB%A0%AC%ED%95%98%EA%B8%B0/)
- pagination 구현 [🔗https://cotak.tistory.com/112](https://cotak.tistory.com/112)
- 글쓰기 화면 구현 [🔗https://blog.naver.com/PostView.naver?blogId=sejun3278&logNo=221806719514&redirect=Dlog&widgetTypeCall=true&directAccess=false](https://blog.naver.com/PostView.naver?blogId=sejun3278&logNo=221806719514&redirect=Dlog&widgetTypeCall=true&directAccess=false)
- modal 생성 [🔗https://phrygia.github.io/react/2021-09-21-react-modal/](https://phrygia.github.io/react/2021-09-21-react-modal/)
- react-router 상세 페이지 [🔗https://antdev.tistory.com/80](https://antdev.tistory.com/80)
- 웹 스토리지 사용 [🔗https://www.daleseo.com/react-hooks-use-web-storage/](https://www.daleseo.com/react-hooks-use-web-storage/)
- 웹 스토리지 사용2 [🔗https://webisfree.com/2016-06-24/\[%EC%9E%90%EB%B0%94%EC%8A%A4%ED%81%AC%EB%A6%BD%ED%8A%B8\]-localStorage-sessionstorage-%ED%81%B4%EB%9D%BC%EC%9D%B4%EC%96%B8%ED%8A%B8%EC%97%90-%EC%A0%95%EB%B3%B4-%EC%A0%80%EC%9E%A5](https://webisfree.com/2016-06-24/[%EC%9E%90%EB%B0%94%EC%8A%A4%ED%81%AC%EB%A6%BD%ED%8A%B8]-localStorage-sessionstorage-%ED%81%B4%EB%9D%BC%EC%9D%B4%EC%96%B8%ED%8A%B8%EC%97%90-%EC%A0%95%EB%B3%B4-%EC%A0%80%EC%9E%A5)
- url 쿼리 [🔗https://nyeongnyeong.tistory.com/158](https://nyeongnyeong.tistory.com/158)
- input datetime-local [🔗https://axce.tistory.com/31](https://axce.tistory.com/31)
- input datetime placeholder [🔗https://m.blog.naver.com/ununa25/221732603393](https://m.blog.naver.com/ununa25/221732603393)
- textarea maxlength [🔗https://mygumi.tistory.com/398](https://mygumi.tistory.com/398)
- 검색어 색깔 [🔗https://velog.io/@suyeonme/%ED%85%8D%EC%8A%A4%ED%8A%B8-%ED%95%98%EC%9D%B4%EB%9D%BC%EC%9D%B4%ED%8C%85](https://velog.io/@suyeonme/%ED%85%8D%EC%8A%A4%ED%8A%B8-%ED%95%98%EC%9D%B4%EB%9D%BC%EC%9D%B4%ED%8C%85)
- +) DB 정보 동기화 렌더링 [🔗https://juzdalu.tistory.com/m/14](https://juzdalu.tistory.com/m/14)

Firestore Storage 데이터 가져오기

```
import { initializeApp } from "firebase/app";
import { getStorage, ref, getDownloadURL } from "firebase/storage";
const firebaseConfig = {
  apiKey: "AIzaSyDPPrRf9wVIXJDZiq16XI6XnlVxwyoPkJ5I",
  authDomain: "holo-androidapp.firebaseio.com",
  projectId: "holo-androidapp",
  storageBucket: "holo-androidapp.appspot.com",
  messagingSenderId: "258764685383",
  appId: "1:258764685383:web:4f64fc0922f8411daaf162",
  measurementId: "G-8VD92ZQYGT"
};
const app = initializeApp(firebaseConfig);
const storage = getStorage(app);
const pathReference = ref(storage, 'profile_img/profile_skqhddl7@gmailcom.jpg');
var firebaseImage = "";
getDownloadURL(pathReference)
  .then((url) => {
    firebaseImage = url;
    // Insert url into an <img> tag to "download"
  })
  .catch((error) => {
    switch (error.code) {
      case 'storage/object-not-found': // File doesn't exist
        break;
      case 'storage/unauthorized': // User doesn't have permission to access the object
        break;
      case 'storage/canceled': // User canceled the upload
        break;
      case 'storage/unknown': // Unknown error occurred, inspect the server response
        break;
      default:
        break;
    }
  });
```

textarea length 측정

```
function checkLength(e, maxLength){
  var str = e.target.value;
  var str_len = str.length;
  var str2 = "";
  if(str_len > maxLength-1){
    str2 = str.substr(0, maxLength-1);
    e.target.value = str2;
    checkLength(e, maxLength-1);
  }
}
onKeyUp={e=>checkLength(e,'200')}
```

```
for (var i=0; i<this.state.replyList.length; i++){
  getProfileImg(this.state.replyList[i].mail).then((img) => {
    this.state.replyList[i].profile= img
  })
}
```

textarea Byte 측정

```
function checkByte(e, maxByte)
{
  var str = e.target.value;
  var str_len = str.length;
  var rbyte = 0;
  var rlen = 0;
  var one_char = "";
  var str2 = "";
  for(var i=0; i<str_len; i++){
    one_char = str.charAt(i);
    if(escape(one_char).length > 4) { rbyte += 2; } //한글2Byte
    else{ rbyte++; } //영문 등 나머지 1Byte
    if(rbyte <= maxByte){ rlen = i+1; } //return할 문자열 갯수
  }
  if(rbyte > maxByte){
    str2 = str.substr(0,rlen); //문자열 자르기
    e.target.value = str2;
    checkByte(e, maxByte);
  }
}
```

게시글 목록에서 뒤로가기 버튼

Board.js

```
import { AiOutlineLeft } from "react-icons/ai";

<Link className="linkBackButton" to="/">
  <button>
    <AiOutlineLeft className="moveBackImg"/>
  </button>
</Link>
```

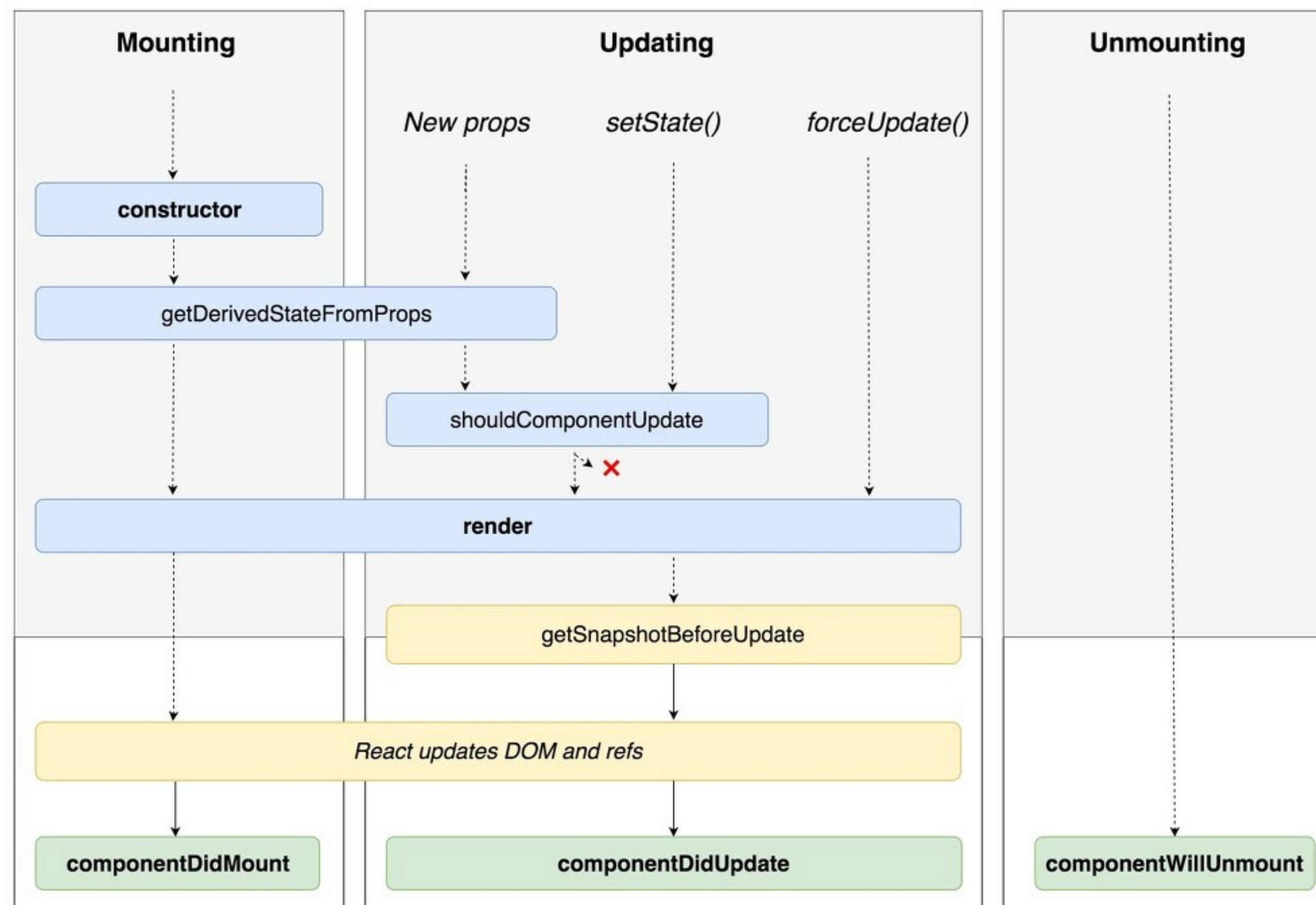
Board.css

그대로 남겨둠

“Render Phase”
Pure and has no side effects.
May be paused, aborted or
restarted by React.

“Pre-Commit Phase”
Can read the DOM.

“Commit Phase”
Can work with DOM,
run side effects,
schedule updates.



Q. 그래서 느린건가?

- **componentDidMount**: 컴포넌트를 만들고, 첫 렌더링을 다 마친 후 실행.
- **componentDidUpdate**: 리렌더링을 완료한 후 실행. 즉 render()가 업데이트될 때마다 실행
- **compoenntWillUnmount**: 컴포넌트를 DOM에서 제거할 때 실행.

- postman 사용법 [🔗https://binit.tistory.com/17](https://binit.tistory.com/17)
- react에서 php 이용해 db데이터 가져오기 [🔗https://streamls.tistory.com/195](https://streamls.tistory.com/195)
- rest api 설명 [🔗https://www.youtube.com/results?search_query=rest+api](https://www.youtube.com/results?search_query=rest+api)
- php와 express [🔗https://www.npmjs.com/package/php](https://www.npmjs.com/package/php)
- db 호스팅은 localhost? [🔗https://way-to-happiness.tistory.com/37](https://way-to-happiness.tistory.com/37)
- cors disabled 문제 해결 [🔗https://codemasterkimc.tistory.com/128](https://codemasterkimc.tistory.com/128)
- javascript 배열을 JSON으로 변환 [🔗https://www.delftstack.com/ko/howto/javascript/javascript-array-to-json/](https://www.delftstack.com/ko/howto/javascript/javascript-array-to-json/)
- **map is not defined** [🔗https://devbirdfeet.tistory.com/47](https://devbirdfeet.tistory.com/47)
- MySQL join(inner,left,right) [🔗https://yoo-hyeok.tistory.com/98](https://yoo-hyeok.tistory.com/98) [🔗https://futurists.tistory.com/17](https://futurists.tistory.com/17)
- Fetch() 와 Axios의 차이 [🔗https://velog.io/@pixelstudio/Fetch%EC%99%80-Axios](https://velog.io/@pixelstudio/Fetch%EC%99%80-Axios)
- Node.js-Axios get [🔗https://stackoverflow.com/questions/52017939/nodejs-axios-error-the-url-argument-must-be-of-type-string-received-typ](https://stackoverflow.com/questions/52017939/nodejs-axios-error-the-url-argument-must-be-of-type-string-received-typ)
- Axios API [🔗https://axios-http.com/kr/docs/api_intro](https://axios-http.com/kr/docs/api_intro)
- react input 값 가져오기 [🔗https://spicycookie.me/React/managedata/](https://spicycookie.me/React/managedata/)
- react 에서 express로 값 보내기 [🔗https://coding-hyeok.tistory.com/21?category=842997](https://coding-hyeok.tistory.com/21?category=842997)
- blob 데이터형 [🔗https://developer.mozilla.org/ko/docs/Web/API/Blob](https://developer.mozilla.org/ko/docs/Web/API/Blob) Node.js에서 php script실행 [🔗https://promincproductions.com/blog/run-php-script-node-js/](https://promincproductions.com/blog/run-php-script-node-js/)
- blob을 이용하여 react 에서 POST [🔗https://developer0809.tistory.com/135](https://developer0809.tistory.com/135)
- unexpected end of JSON input [🔗https://jindev-t.tistory.com/91](https://jindev-t.tistory.com/91)
- fetch JSON React to PHP [🔗https://stackoverflow.com/questions/67070264/fetch-json-react-to-php](https://stackoverflow.com/questions/67070264/fetch-json-react-to-php)
- POST JSON 을 처리하는 PHP API 만들기 [🔗https://grip.news/archives/782](https://grip.news/archives/782)
- PHP(get,post,json) [🔗https://sora-muck.tistory.com/17](https://sora-muck.tistory.com/17) exec-php [🔗https://www.npmjs.com/package/exec-php](https://www.npmjs.com/package/exec-php)
- express에서 url 열기 [🔗https://stove99.github.io/nodejs/2019/08/23/nodejs-open-browser/](https://stove99.github.io/nodejs/2019/08/23/nodejs-open-browser/)
- **CORS,Content-type 해결!!!!** [🔗https://stackoverflow.com/questions/52717556/how-to-post-data-in-php-via-react-js](https://stackoverflow.com/questions/52717556/how-to-post-data-in-php-via-react-js)
- **Error: Content-Type is not allowed by Access-Control-Allow-Headers** [🔗https://localcoder.org/error-content-type-is-not-allowed-by-access-control-allow-headers](https://localcoder.org/error-content-type-is-not-allowed-by-access-control-allow-headers)
- 조건에 따른 mysql 검색 [🔗https://dev-coco.tistory.com/57](https://dev-coco.tistory.com/57)

- useState는 동기?비동기? [🔗 https://baegofda.tistory.com/220](https://baegofda.tistory.com/220)
- **componentDidMount** [🔗 https://velog.io/@kwonh/React-%EC%83%9D%EB%AA%85%EC%A3%BC%EA%B8%B02-%EC%97%85%EB%8D%B0%EC%9D%B4%ED%8A%B8%EB%8B%A8%EA%B3%84%EC%86%8C%EB%A9%B8%EB%8B%A8%EA%B3%84-shouldComponentDidUpdate-getSnapshotBeforeUpdate-componentDidUpdate-getDerivedStateFromError-componentDidCatch](https://velog.io/@kwonh/React-%EC%83%9D%EB%AA%85%EC%A3%BC%EA%B8%B02-%EC%97%85%EB%8D%B0%EC%9D%B4%ED%8A%B8%EB%8B%A8%EA%B3%84%EC%86%8C%EB%A9%B8%EB%8B%A8%EA%B3%84-shouldComponentDidUpdate-getSnapshotBeforeUpdate-componentDidUpdate-getDerivedStateFromError-componentDidCatch)
- [🔗 https://ko.reactjs.org/docs/react-component.html#componentdidupdate](https://ko.reactjs.org/docs/react-component.html#componentdidupdate)
- PHP에서 DateTime() 시간차이 구하는 방법 [🔗 https://devonaws.com/back-end/php/datetime-%EC%8B%9C%EA%B0%84%EC%9D%98-%EC%B0%A8%EC%9D%B4-%EA%B5%AC%ED%95%98%EB%8A%94-%EB%B0%A9%EB%B2%95/](https://devonaws.com/back-end/php/datetime-%EC%8B%9C%EA%B0%84%EC%9D%98-%EC%B0%A8%EC%9D%B4-%EA%B5%AC%ED%95%98%EB%8A%94-%EB%B0%A9%EB%B2%95/)
- PHP에서 두 날짜의 차이 계산하는 방법 [🔗 https://www.delftstack.com/ko/howto/php/how-to-calculate-the-difference-vetween-two-dates-using-php/](https://www.delftstack.com/ko/howto/php/how-to-calculate-the-difference-vetween-two-dates-using-php/)
- php array sort by key value [🔗 https://www.codegrepper.com/code-examples/php/php+array+sort+by+key+value](https://www.codegrepper.com/code-examples/php/php+array+sort+by+key+value)
- PHP에서 current date로부터 past date인지 확인하는 방법 [🔗 https://write.corbpie.com/php-check-if-current-date-time-has-passed-a-se](https://write.corbpie.com/php-check-if-current-date-time-has-passed-a-se)

