Firebase JS

요즘 누가 유료로 웹서비스 구축 하나, 파이어 베이스의 모든 것-JAVASCRIPT

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Firebase Storage 실습

- Storage 셋업
- Rule 정의
- 이미지 업로드

```
service firebase.storage {
  match /b/{bucket}/o {
    match /{allPaths=**} {
      allow read ;
      allow write: if request.auth != null;
    }
  }
}
```

Firebase Storage(이미지추가 소스 - JS)

```
function createFile(file) {
if (!file.type.match("image.*")) {
alert("이미지 화일을 선택해주세요.")
return;
} else {
// var img = new Image();
var reader = new FileReader();
var vm = this;

reader.onload = function (e) {
// vm.image = e.target.result;
vm.saveToFirebaseStorage(e, file);
};
reader.readAsDataURL(file);
}
};

function handleChange(event ) {
createFile(event.target.files[0]);
}


function saveToFirebaseStorage(evt, items) {
var user = firebase.auth().currentUser;

if (user) {
var _key = new Date().getTime();

var storageRef = firebase.storage().ref();
var _name = items.name.replace(
/[~`!#$%\^&*+=\-\[\]\\';,/{}()|\\":<>\?]/g,
""
);
var uploadTask = storageRef
.child("data/" + user.uid + "/" + _key + "/" + _name)
.put(items);
uploadTask.on(
"state_changed",
function (snapshot) {
var progress = snapshot.bytesTransferred / snapshot.totalBytes * 100;
console.log("Upload is " + progress + "% done");
switch (snapshot.state) {
case firebase.storage.TaskState.PAUSED: // or 'paused'
console.log("Upload is paused");
break;
case firebase.storage.TaskState.RUNNING: // or 'running'
console.log("Upload is running");
break;
}
},
function (error) {
console.log(error);
},
function () {
uploadTask.snapshot.ref.getDownloadURL().then(function (downloadURL) {
$("#loadedimg").attr('data-uploaded-url',downloadURL);
$("#loadedimg").find('img').attr('src',downloadURL);
$("#fileinput").css("display",'none')
$("#loadedimg").css('display','block')
});
}
);
}
}
```

Firebase Storage(이미지추가 소스-HTML)

```
<div class="form-group" id="fileinput">
<label for="exampleInputFile">File input</label>
<div class="input-group">
<div class="custom-file">
<input type="file" class="custom-file-input" data-rec-id="" id="exampleInputFile" onchange="handleChange(event)">
<label class="custom-file-label" for="exampleInputFile">Choose file</label>
</div>
</div>
</div>
<div class="form-group" id="loadedimg" data-uploaded-url="" style="display:none"><img style="width:100px"/></div>
```