

lesson5: feature-radiks

作业

- 配置 radiks-server 环境（参考资料radiks-server库）
- 跑通 feature-radiks 分支，将 save, update对应的相关截图保存在pdf中
- 完成自己产品的Model设计，将 Model 的代码实现放在pdf中，并加以注释解读。
- pdf名称与lesson4一样为BNS域名名称，放到lesson5的homework文件夹中。
- （Bonus）有余力的同学完成产品的radiks部分代码实现。

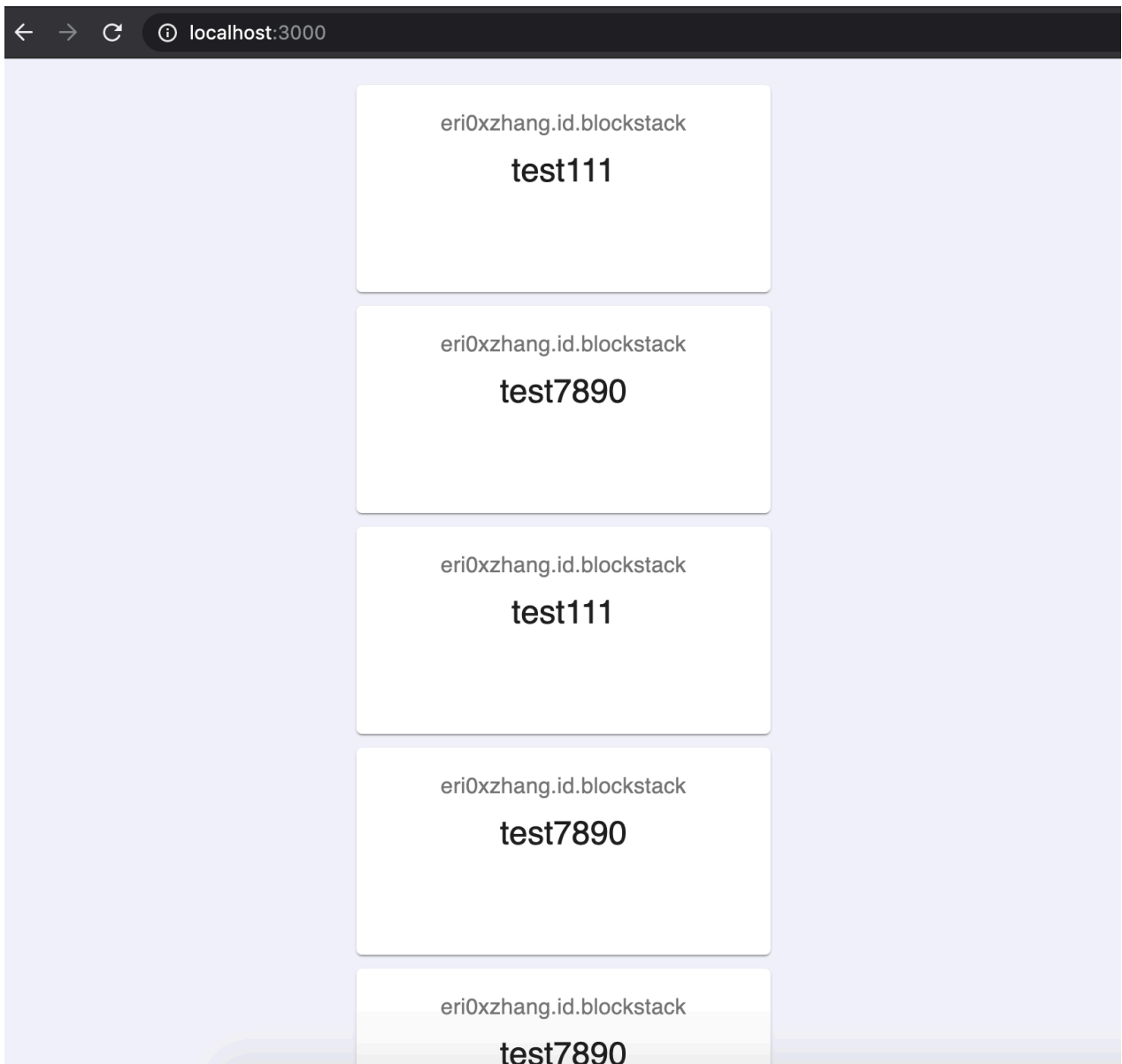
1. 启动mongodb

```
→ blockstack mongod --config /usr/local/etc/mongod.conf
```

2. 启动Radiks-server

```
→ Course git:(master) radiks-server
(node:14063) DeprecationWarning: current Server Discovery and Monitoring engine is deprecated, and will be removed in a future version. To use the new Server Discover and Monitoring engine, pass option { useUnifiedTopology: true } to the MongoClient constructor.
radiks-server is ready on http://localhost:1260
```

3. localhost save和update流程



SAVE到gaia

```
▶ {from: "eri0xzhang.id.blockstack", content: "test7890", flag: true} MessageList.js:51
[DEBUG] uploadToGaiaHub: uploading Message/164fa4a42f06-45ff-a96d-af60022bcf4b to https://hub.blockstack.org logger.js:41
>
```

UPDATE到radiks-server

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Search Open Connections (Cmd+F) ... radiks-server-data

local localhost:27017 [direct] radiks-server radiks-server-data

admin config local radiks-server Collections (1) radiks-server-data

Views (0) GridFS Buckets (0) System (0)

Query {} Projection {} Sort {} Skip {} Limit {}

Result Query Code Explain

50 Documents 1 to 6 Table View

_id	updateable	publicKey	privateKey	radiksType	updatedAt	createdAt	username
f3aeb14884c...	false	03f0d0a00e6...	{ 5 fields }	SigningKey	1586179493...	1586179493...	
eriOxzhang.id...		0369857175...		BlockstackUser	1586179497...	1586179497...	eriOx...
Od586219e9...				Message	1586179502...	1586179502...	
bc39db2ef14...				Message	1586179767...	1586179767...	
841a06e62af...				Message	1586179802...	1586179802...	
164fa4a42f0...				Message	1586179969...	1586179969...	

1 document selected Count Documents 0.005s

4. Model设计

```
src > models > JS BetCheckin.js > ...
1  import { Model } from 'radiks';
2
3  // from 表示打卡的创建者
4  // date 表示当前日期, 格式为 yyyyMMdd
5  // isBet 表示是否对本人打卡下注, isBet和isCheckin有且只能有一个为true
6  // isCheckin 表示是否为签到, isBet和isCheckin有且只能有一个为true
7  // betAmount 表示愿意支付的打卡金额
8  // 以上都应该是公开数据, flag 表示不加密
9
10 export default class BetCheckin extends Model {
11   ... static className = 'BetCheckin';
12
13   ... static schema = {
14     ... from: String,
15     ... date: String,
16     ... isBet: Boolean,
17     ... betAmount: Number,
18     ... isCheckin: Boolean,
19     ... flag: {
20       ... type: Boolean,
21       ... decrypted: true
22     }
23   }
24
25   ... static defaults = {
26     ... content: "welcome to Bet&Checkin"
27   }
28 }
29
30
```