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1. ????

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Vue 3????

Spring Boot????

API

1.1 ???

??	??	??	??
???	Vue	3.x	???? Composition API
?? UI	Element Plus	??	????
????	ECharts	??	????
HTTP??	Axios	??	?? API??
???	Vuex	4.x	????
???	Spring Boot	2.x	?? RESTful API
ORM??	MyBatis Plus	??	????
?? API	Amazon Advertising API	??	????
??	MySQL	5.7+	????

1.2 ????

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- ?? ? Vue????
- ???? ? Vue?? API????
- ???? ? Axios???? API??
- ???? ? Vuex????

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- Controller HTTP
- Service
- Mapper
- API API

1.3 ??????

```
sequenceDiagram
    participant Frontend as 
    participant Backend as API
    participant AmazonAPI as API
    participant DB as 

    Frontend->>Backend: 
    Backend->>DB: 
    Backend->>AmazonAPI: ListCampaigns
    AmazonAPI-->>Backend: 
    Backend->>DB: /
    Backend-->>Frontend: 
    Frontend->>Frontend: 

    Frontend->>Backend: 
    Backend->>AmazonAPI: CreateCampaigns
    AmazonAPI-->>Backend: 
    Backend->>DB: 
    Backend-->>Frontend: 
```

2. ?????

2.1 ??????

index.vue

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2.2 ?????


```
// 单击
function handleClick(data) {
  // 发出事件
  emit('change', data);
}
```

2.3.2 数据源

数据源

```
// 数据源
const tabsDataValue = [
  {name: '广告', value: 'adcams', count: ''},
  {name: '广告组', value: 'adgroups', count: ''},
  {name: '产品广告', value: 'ProductAds', count: ''},
  {name: '广告关键字', value: 'adkey', count: ''},
  // ...
];

// 获取广告组
function getTabs(filterTabs) {
  var list = [];
  state.tabsDataValue.forEach(item => {
    if(filterTabs.includes(item.value)) {
      // 广告组关键字
      if(item.value == "ProductAds" && state.queryParams.campaignType == "SB") {
        item.name = "广告";
      }
      list.push(item);
    }
  });
  return list;
}
```

2.3.3 数据源

数据源

```
function handleQuery() {
  state.queryParams.ftype = state.activeName;
  var activeName = state.activeName;
```

```

if(state.queryParams.profileid) {
  nextTick(() => {
    if(state.queryParams.campaignType == "SP") {
      if(activeName == 'adcams') {
        splistCampaignsRef.value.show(state.queryParams);
      }
      // [][][][]...
    }
    // SB[]SD[] [] [] [] []...
  });
}
}

```

2.4 API??

[][][][] API[][][][]

????API

```

// advertApi.js
export default {
  loadProfile,           // [] [] [] [] [] [] [] []
  addSerchHistory,      // [] [] [] [] []
  getSerchHistory,      // [] [] [] [] []
  deleteSerchHistory,   // [] [] [] [] []
  loadCampaignsNotArchived, // [] [] [] [] [] [] [] [] [] []
  findPortfoliosForProfileId, // [] [] [] [] [] []
  getallsumtype,        // [] [] [] [] [] [] [] []
  saleorder,            // [] [] [] [] [] []
  cpodata,              // CPC [] []
};

```

????API

```

// advCampaignApi.js
export default {
  getCampaignList,      // [] [] [] [] [] [] [] []
  getCampaignSummary,   // [] [] [] [] [] [] [] []
  getCampaignChart,     // [] [] [] [] [] [] [] [] [] []
  // [] [] []...

```

```
};
```

3. ?????

3.1 ???

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AdvertCampaignManagerController.java

API

```
@Api(tags = " ")
@RestController
@RequestMapping("/api/v1/advCampaignManager")
public class AdvertCampaignManagerController {

    @Resource
    IAmzAdvCampaignService amzAdvCampaignService;

    @Resource
    IAmzAdvCampaignsSDService amzAdvCampaignsSDService;

    @Resource
    IAmzAdvCampaignHsaService amzAdvCampaignHsaService;

    // 
    @PostMapping("/getCampaignList")
    public Result<List<Map<String, Object>>> getCampaignListAction(@RequestBody QueryForList
query) {
        // 
    }

    // 
    @PostMapping("/createCampaign")
    public Result<Map<String, Object>> createCampaignAction(@RequestBody JSONObject param) {
        // 
    }

    // 
```

```

@PostMapping("/updateCampaign")
public Result<Map<String, Object>> updateCampaignAction(@RequestBody JSONObject param) {
    // TODO
}

// TODO...
}

```

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AdvertAdgroupManagerController.java [REDACTED]

API [REDACTED]

```

@Api(tags = " [REDACTED] ")
@RestController
@RequestMapping("/api/v1/advAdgroupManager")
public class AdvertAdgroupManagerController {

    @Resource
    IAmzAdvAdGroupService amzAdvAdGroupService;

    @Resource
    IAmzAdvAdgroupsSDService amzAdvAdgroupsSDService;

    @Resource
    IAmzAdvAdgroupsHsaService amzAdvAdgroupsHsaService;

    // TODO

    @PostMapping("/getAdgroupList")
    public Result<List<Map<String, Object>>> getAdgroupListAction(@RequestBody QueryForList
query) {
        // TODO
    }

    // TODO

    @PostMapping("/createAdgroup")
    public Result<Map<String, Object>> createAdgroupAction(@RequestBody JSONObject param) {
        // TODO
    }

    // TODO...
}

```

```
}
```

3.2 ???

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AmzAdvCampaignServiceImpl.java XXXXXXXXXXXX

```
@Service
public class AmzAdvCampaignServiceImpl implements IAmzAdvCampaignService {

    @Autowired
    AmzAdvCampaignsMapper amzAdvCampaignsMapper;

    @Autowired
    IAmzAdvAuthService amzAdvAuthService;

    // XXXXXX
    @Override
    public Map<String, Object> amzCreateCampaigns(AmzAdvProfile profile, List<AmzAdvCampaigns>
campaigns) {
        // XXXXXXXXXXXXXAPIXXXXXX
    }

    // XXXXXX
    @Override
    public Map<String, Object> amzUpdateSpCampaigns(AmzAdvProfile profile,
List<AmzAdvCampaigns> campaigns) {
        // XXXXXXXXXXXXXAPIXXXXXX
    }

    // XXXXXXXXXXXXX
    @Override
    public Map<String, Object> getCampaignChart(AmzAdvProfile profile, Map<String, Object>
param) {
        // XXXXXXXXXXXXX
    }

    // XXXX...
}
```

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AmzAdvAdGroupServiceImpl.java XXXXXXXXXX

```
@Service
public class AmzAdvAdGroupServiceImpl implements IAmzAdvAdGroupService {

    @Autowired
    AmzAdvAdgroupsMapper amzAdvAdgroupsMapper;

    @Autowired
    IAmzAdvAuthService amzAdvAuthService;

    // 创建广告组
    @Override
    public Map<String, Object> amzCreateAdGroups(AmzAdvProfile profile, List<AmzAdvAdgroups>
adgroups) {
        // 调用API创建广告组
    }

    // 更新广告组
    @Override
    public Map<String, Object> amzUpdateAdGroups(AmzAdvProfile profile, List<AmzAdvAdgroups>
adgroups) {
        // 调用API更新广告组
    }

    // 其他...
}
```

3.3 ?????

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```
public class AmzAdvCampaigns {
    private String campaignId;
    private String campaignName;
    private String campaignType;
    private String targetingType;
    private BigDecimal dailyBudget;
```

```

private String state;
private String startDate;
private String endDate;
private String biddingStrategy;
// ...
// getter/setter...
}

```

?????

```

public class AmzAdvAdgroups {
    private String adGroupId;
    private String campaignId;
    private String name;
    private BigDecimal defaultBid;
    private String state;
    // ...
    // getter/setter...
}

```

3.4 ???API??

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API??

```

public class AmazonAdvertisingAPIClient {

    private String accessToken;
    private String endpoint;
    private String profileId;

    // ListCampaigns
    public List<Campaign> listCampaigns() {
        // ...API...
    }

    // CreateCampaigns
    public List<CampaignResponse> createCampaigns(List<Campaign> campaigns) {
        // ...API...
    }
}

```



```

@Override
public Map<String, Object> amzCreateCampaigns(AmzAdvProfile profile, List<AmzAdvCampaigns>
campaigns) {
    // 调用API
    // API
    // 
    // 
    // 
}

```

4.2 ??????

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- []
- []
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1. [] " [] "
2. []
3. []
4. [] API []
5. []
6. []
7. []

4.3 ????????

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1. [] " [] "
2. []
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4.4 ?????

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1. [] " [] "
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4.5 ?????

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1. [] " [] "
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4.6 ????????

- 数据库 数据库

7.2 ????

- 数据库 数据库
- 数据库 Docker 数据库
- 数据库 AWS 数据库

7.3 ????

- AI 数据库 AI 数据库
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8. ???????

8.1 ????

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3. **API** 数据库 数据库 API 数据库
4. 数据库 数据库
5. 数据库 数据库 TypeScript 数据库

8.2 ????

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2. 数据库 数据库
3. 数据库 数据库
4. **API** 数据库 API 数据库
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8.3 ????

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9. ??

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API
Vue 3 Spring Boot

9.1 ?????

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9.2 ?????

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9.3 ?????

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#1

Admin 2026-01-28 18:46:42 CST

Admin 2026-01-28 18:47:05 CST