1. 注册数据源

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| --- | --- | --- |
| 请求URL | /appProfile?appId=yourAppId&appSecret=yourAppSecret |  |
| 请求方法 | POST |  |
| 请求体明文 | {  ca: [  {  name: “ca.example.com”,  location: “http://47.106.82.138:7054”,  admin: “caAdminName”,  password: “caAdminPassword”,  privateKey:”xxx”,  signedCert:”xxx”  },  ] ，  users:[ {  name: “user1”,  privateKey: “xxx”,  signedCert: “xxx”,  orgName:”org1”,  affiliation:”org1.deparment1”,  secret: “registerSecret”  },...],  admins:[ {  name: “admin”,  privateKey: “xxx”,  signedCert: “xxx”,  orgName:”org1”  },......],  orderers:[  {  name: “orderer.example.com”,  location: “grpc://47.106.82.138:7050”  },  ......  ],  peers:[  {  name:”peer0.org1.example.com”,  orgName: “org1”,  location: “grpc://47.106.82.138:7051”,  eventHub: “grpc://47.106.82.138:7053”,    }  ]  orgs: [  {  orgName:”org1”,  orgMspId:”org1MSP”,  orgDomainName:”org1.example.com”,  caName: “ca.example.com”,  },  channels:[  {  name: “myChannel”,  peers: [“peer0.org1.example.com”,......],  orderers: [“orderer.example.com”,......]  }  ]  ] | 1. CA不是必填项，但如需要users无privateKey,signedCert时需要CA注册则可选填。 2. users是普通的用于调用链码, 如果privateKey, signedCert为空则需要配置对应org的ca做注册。affilication可以不用设置,如果设置不存在则会主动创建。注意这里name+orgName才确定唯一一个用户 3. admins预留用于安装和实例化链码 4. orderers多个排序节点，配置channel时需要关联。 5. peers多接入点， user,admin可以不设置privateKey, signedCert则会调用CA enroll用户 |
| 请求密文 | data=base64(AES/CBC/PKCS5Padding(yyyyMMddHHmmss + 明文)) |  |

1. 调用查询函数

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| --- | --- | --- |
| 请求URL | /queryByChaincode?appId=yourAppId&appSecret=yourAppSecret |  |
| 请求方法 | POST |  |
| 请求体明文 | {  channel: “channel name”,  version: “1.0”,  chaincode: “chain code name”  function: “chaincode function name”,  arguments:[“param1”, “param2”, ...],  user: “xx”,  organization: “xx”  } | 1. channelName必须指定 2. User + org才能确定唯一的用户 |
| 响应 | {  resultCode: 0,  resultMessage:’xx’,  resultEntity: xx  } | resultCode:0成功,其它失败.  resultMessage:返回信息.  resultEntity:返回json object 或者json array或者string |

3.调用更新函数

|  |  |  |
| --- | --- | --- |
| 请求URL | /updateByChaincode?appId=yourAppId&appSecret=yourAppSecret |  |
| 请求方法 | POST |  |
| 请求体明文 | {  channel: “channel name”,  version: “1.0”,  chaincode: “chain code name”  function: “chaincode function name”,  arguments:[“param1”, “param2”, ...],  user: “xx”,  organization: “xx”  } | 1.channelName必须指定  2.User + org才能确定唯一的用户 |
| 响应 | {  resultCode: 0,  resultMessage:’xx’,  resultEntity: xx  } | resultCode:0成功,其它失败.  resultMessage:返回信息.  resultEntity:暂时不返回什么。。 |