# 运行demo

## 修改配置

请根据实际部署的中台环境，自行调整。

配置文件：center-platform-app-demo\src\main\resources\application.properties

server.port=8086

spring.jackson.serialization.indent\_output=true

spring.http.converters.preferred-json-mapper=jackson

logging.file=c:/logs/center-platform-app-demo.log

logging.file.clean-history-on-start=true

logging.pattern.rolling-file-name=${LOG\_FILE}.%d{yyyy-MM-dd}.%i.gz

logging.file.max-size=10MB

logging.file.max-history=10

logging.file.total-size-cap=1GB

httpclient.connection-request-timeout=30000

httpclient.connect-timeout=30000

httpclient.socket-timeout=30000

httpclient.max-conn-total=30

httpclient.max-conn-per-route=5

storage.location=e:/upload-dir

center-platform.url=http://\*\*\*/open

center-platform.app-id=\*\*\*

center-platform.app-key=\*\*\*

配置项说明：

* storage.location：测试样张（用于验证在线编辑与内容处理接口使用文档）存放地址。
* center-platform.url：中台服务地址。
* center-platform.app-id：应用id，参见《center-platform-provider-demo\README.docx》关键步骤>创建应用。
* center-platform.app-key：应用密钥，参见《center-platform-provider-demo\README.docx》关键步骤>获取应用Key。

## 运行

启动cmd，进入center-platform-app-demo目录下，执行下面的指令：

mvn spring-boot:run

# 应用授权

## 获取应用token

在浏览器中访问：http://10.90.192.216:8086/app/token

{

"url" : "http://10.90.3.51/open/auth/v1/app/inscope/token?app\_id=AK20210405UNPGBS&scope=file\_preview,file\_edit,file\_format\_control",

"method" : "GET",

"response" : {

"result" : 0,

"token" : {

"app\_token" : "d5ae51e2c7666dfddba91dbf34334efb",

"expires\_in" : 86400

}

}

}

备注：

* 在访问其他的接口前，请先获取应用的token。
* 获取应用token后，程序会将token存储在Application作用域中。
* 如果重启了应用，需要先获取token。
* 该token有效时间为24小时

# 在线编辑

## 获取在线编辑地址

在浏览器中访问：http://10.90.192.216:8086/files/1/get-online-edit-url

{

"url" : "http://10.90.3.51/open/weboffice/v1/url?app\_token=dcfbe0a2ecadaafc28a5569c4bafdaa9&file\_id=1&type=w",

"method" : "GET",

"response" : {

"result" : 0,

"url" : "http://10.90.3.51/weboffice/office/w/6802b8c0924ef4e2562ad4bfd8611c09?\_w\_appid=AK20210330FYTMTK&\_w\_third\_appid=AK20210405UNPGBS&\_w\_third\_file\_id=1"

}

}

## 访问在线编辑地址

在浏览器中访问：http://10.90.3.51/weboffice/office/w/6802b8c0924ef4e2562ad4bfd8611c09?\_w\_appid=AK20210330FYTMTK&\_w\_third\_appid=AK20210405UNPGBS&\_w\_third\_file\_id=1

# 格式处理

## 内容操作

### 调用

在浏览器中访问：http://10.90.192.216:8086/office/operate

{

"url" : "http://10.90.3.51/open/cps/v1/office/operate?app\_token=70af384ce61f1a8ebf0e7e002cc3afac",

"method" : "POST",

"request" : {

"task\_id" : "7dc75996-5e17-4a55-a43d-f2c45a6f463a",

"doc\_url" : "http://10.90.192.216:8086/samples/office\_operate.docx",

"doc\_filename" : "office\_operate.docx",

"steps" : [ {

"operate" : "OFFICE\_CLEAN"

}, {

"operate" : "OFFICE\_WATERMARK",

"args" : {

"text\_watermark" : {

"content" : "WPS",

"size" : 0,

"transparent" : 0.0,

"tilt" : false,

"tiled" : false

},

"image\_watermark" : {

"watermark\_url" : "http://10.90.192.216:8086/samples/wps.png",

"watermark\_filename" : "wps.png",

"no\_washout" : false,

"tilt" : false,

"tiled" : false,

"scale" : 0

}

}

} ]

},

"response" : {

"result" : 0,

"msg" : "Success"

}

}

### 获取任务

在浏览器中访问：http://10.90.192.216:8086/tasks/7dc75996-5e17-4a55-a43d-f2c45a6f463a

{

"url" : "http://10.90.3.51/open/cps/v1/task/query?app\_token=7e495313e896fc82cc15b5b1bfdf85f7",

"method" : "POST",

"request" : {

"task\_id" : "7dc75996-5e17-4a55-a43d-f2c45a6f463a"

},

"response" : {

"result" : 0,

"status" : "SUCCESS",

"download\_id" : "0873b1138837402e9c4875a170615994"

}

}

### 获取结果

在浏览器中访问：http://10.90.192.216:8086/downloads/0873b1138837402e9c4875a170615994

## 图片操作

### 调用

在浏览器中访问：http://10.90.192.216:8086/image/operate

{

"url" : "http://10.90.3.51/open/cps/v1/image/operate?app\_token=b9f949a5869fd1caf0322b7c2e47f0ea",

"method" : "POST",

"request" : {

"task\_id" : "4d975e62-6fed-4d6b-b5ef-971d1c8adbcf",

"image\_url" : "http://10.90.192.216:8086/samples/wps.png",

"image\_filename" : "wps.png",

"text\_watermark" : {

"content" : "WPS"

}

},

"response" : {

"result" : 0,

"msg" : "Success"

}

}

### 获取任务

在浏览器中访问：http://10.90.192.216:8086/tasks/4d975e62-6fed-4d6b-b5ef-971d1c8adbcf

{

"url" : "http://10.90.3.51/open/cps/v1/task/query?app\_token=b9f949a5869fd1caf0322b7c2e47f0ea",

"method" : "POST",

"request" : {

"task\_id" : "4d975e62-6fed-4d6b-b5ef-971d1c8adbcf"

},

"response" : {

"result" : 0,

"status" : "SUCCESS",

"download\_id" : "8266ac4df802411cb1f7ea63bb96f75e"

}

}

### 获取结果

在浏览器中访问：http://10.90.192.216:8086/downloads/8266ac4df802411cb1f7ea63bb96f75e

## 多书签套用

### 调用

在浏览器中访问：http://10.90.192.216:8086/office/wrapheader

{

"url" : "http://10.90.3.51/open/cps/v1/office/wrapheader?app\_token=c8a716e62b9ca5f77474a9a4a721eeef",

"method" : "POST",

"request" : {

"task\_id" : "fe19ddb6-2fba-4c4f-a7b1-2427aacf2629",

"template\_url" : "http://10.90.192.216:8086/samples/office\_wrapheader\_template.docx",

"template\_filename" : "office\_wrapheader\_template.docx",

"sample\_list" : [ {

"bookmark" : "title1",

"type" : "TEXT",

"text" : "标题1"

}, {

"bookmark" : "title2",

"type" : "TEXT",

"text" : "标题2"

}, {

"bookmark" : "content",

"type" : "DOCUMENT",

"sample\_url" : "http://10.90.192.216:8086/samples/office\_wrapheader.docx",

"sample\_filename" : "office\_wrapheader.docx"

}, {

"bookmark" : "image",

"type" : "IMAGE",

"sample\_url" : "http://10.90.192.216:8086/samples/wps.png",

"sample\_filename" : "wps.png"

} ]

},

"response" : {

"result" : 0,

"msg" : "Success"

}

}

### 获取任务

在浏览器中访问：http://10.90.192.216:8086/tasks/fe19ddb6-2fba-4c4f-a7b1-2427aacf2629

{

"url" : "http://10.90.3.51/open/cps/v1/task/query?app\_token=c8a716e62b9ca5f77474a9a4a721eeef",

"method" : "POST",

"request" : {

"task\_id" : "fe19ddb6-2fba-4c4f-a7b1-2427aacf2629"

},

"response" : {

"result" : 0,

"status" : "SUCCESS",

"download\_id" : "84650562949e40378e31ac6c868e6883"

}

}

### 获取结果

在浏览器中访问：http://10.90.192.216:8086/downloads/84650562949e40378e31ac6c868e6883

## 文档合并

### 调用

在浏览器中访问：http://10.90.192.216:8086/office/merge

{

"url" : "http://10.90.3.51/open/cps/v1/office/merge?app\_token=55ca2bb7c628d77e01ec2f4f47d22c6c",

"method" : "POST",

"request" : {

"task\_id" : "bc2bf8ab-9b53-4fb1-8989-43b36dd18a9c",

"merged\_file\_list" : [ {

"doc\_url" : "http://10.90.192.216:8086/samples/office\_marge\_part1.docx",

"doc\_filename" : "office\_marge\_part1.docx"

}, {

"doc\_url" : "http://10.90.192.216:8086/samples/office\_marge\_part2.docx",

"doc\_filename" : "office\_marge\_part2.docx"

} ]

},

"response" : {

"result" : 0,

"msg" : "Success"

}

}

### 获取任务

在浏览器中访问：http://10.90.192.216:8086/tasks/bc2bf8ab-9b53-4fb1-8989-43b36dd18a9c

{

"url" : "http://10.90.3.51/open/cps/v1/task/query?app\_token=55ca2bb7c628d77e01ec2f4f47d22c6c",

"method" : "POST",

"request" : {

"task\_id" : "bc2bf8ab-9b53-4fb1-8989-43b36dd18a9c"

},

"response" : {

"result" : 0,

"status" : "SUCCESS",

"download\_id" : "614d016665964871923358c40d9090f4"

}

}

### 获取结果

在浏览器中访问：http://10.90.192.216:8086/downloads/614d016665964871923358c40d9090f4

## 文档拆分

### 调用

在浏览器中访问：http://10.90.192.216:8086/office/split

{

"url" : "http://10.90.3.51/open/cps/v1/office/split?app\_token=e36f8b2558929f539240b7e48ac17ede",

"method" : "POST",

"request" : {

"task\_id" : "1129ce77-d291-4a59-8669-de9f5ba03af4",

"doc\_url" : "http://10.90.192.216:8086/samples/office\_split.docx",

"doc\_filename" : "office\_split.docx",

"type" : "AVERAGE",

"average" : {

"size" : 1,

"split\_range" : {

"start" : 1,

"end" : 2

}

}

},

"response" : {

"result" : 0,

"msg" : "Success"

}

}

### 获取任务

在浏览器中访问：http://10.90.192.216:8086/tasks/1129ce77-d291-4a59-8669-de9f5ba03af4

{

"url" : "http://10.90.3.51/open/cps/v1/task/query?app\_token=e36f8b2558929f539240b7e48ac17ede",

"method" : "POST",

"request" : {

"task\_id" : "1129ce77-d291-4a59-8669-de9f5ba03af4"

},

"response" : {

"result" : 0,

"status" : "SUCCESS",

"download\_id" : "c96d26a81eb142be98cb6baa81ed7b85"

}

}

### 获取结果

在浏览器中访问：http://10.90.192.216:8086/downloads/c96d26a81eb142be98cb6baa81ed7b85

## 文档转换

### 调用

在浏览器中访问：http://10.90.192.216:8086/office/convert

{

"url" : "http://10.90.3.51/open/cps/v1/office/convert?app\_token=824ee8344768255ba627c9137c6fecbb",

"method" : "POST",

"request" : {

"task\_id" : "648a1318-36ec-4041-b787-01ace5231591",

"doc\_url" : "http://10.90.192.216:8086/samples/office\_operate.docx",

"doc\_filename" : "office\_operate.docx",

"target\_file\_format" : "pdf"

},

"response" : {

"result" : 0,

"msg" : "Success"

}

}

### 获取任务

在浏览器中访问：http://10.90.192.216:8086/tasks/648a1318-36ec-4041-b787-01ace5231591

{

"url" : "http://10.90.3.51/open/cps/v1/task/query?app\_token=824ee8344768255ba627c9137c6fecbb",

"method" : "POST",

"request" : {

"task\_id" : "648a1318-36ec-4041-b787-01ace5231591"

},

"response" : {

"result" : 0,

"status" : "SUCCESS",

"download\_id" : "f773bacb54474f9f8996acbde720d36e"

}

}

### 获取结果

在浏览器中访问：http://10.90.192.216:8086/downloads/f773bacb54474f9f8996acbde720d36e

## 智能公文

### 调用

在浏览器中访问：http://10.90.192.216:8086/office/smartofficial

{

"url" : "http://10.90.3.51/open/cps/v1/office/smartofficial?app\_token=bcb90d352203f743ac520fe8e78142e1",

"method" : "POST",

"request" : {

"task\_id" : "465faa60-eb77-4622-a19e-9e6818dc9759",

"doc\_url" : "http://10.90.192.216:8086/samples/office\_smart\_official.docx",

"doc\_filename" : "office\_smart\_official.docx",

"pre\_install\_template" : "announcement\_ds\_ls1",

"field\_config" : "none"

},

"response" : {

"result" : 0,

"msg" : "Success"

}

}

### 获取任务

在浏览器中访问：http://10.90.192.216:8086/tasks/465faa60-eb77-4622-a19e-9e6818dc9759

{

"url" : "http://10.90.3.51/open/cps/v1/task/query?app\_token=bcb90d352203f743ac520fe8e78142e1",

"method" : "POST",

"request" : {

"task\_id" : "465faa60-eb77-4622-a19e-9e6818dc9759"

},

"response" : {

"result" : 0,

"status" : "SUCCESS",

"download\_id" : "4cfe16fbbbc14da49797299ecc1e958e"

}

}

### 获取结果

在浏览器中访问：http://10.90.192.216:8086/downloads/4cfe16fbbbc14da49797299ecc1e958e

# 关键步骤

## 创建应用

在浏览器中访问：http://localhost:8087/apps/add?app\_name=myapp

{

"url" : "http://10.90.3.51/open/admin/v1/app",

"method" : "POST",

"request" : {

"app\_name" : "myapp",

"developer\_id" : 688111

},

"response" : {

"result" : 0,

"app\_id" : "AK20210405UNPGBS"

}

}

备注：

app\_name必须唯一，否则会报下面的错误：

{"result":10104002,"msg":"InvalidParameter: 应用名称已存在"}

## 设置应用可以使用功能

### 查看应用可以申请的功能

在浏览器中访问：[http://localhost:8087/apps/AK20210405UNPGBS/functions/get-apply-for](http://localhost:8087/apps/AK20210405UNPGBS/get-apply-for-function-list)

{

"url" : "http://10.90.3.51/open/admin/v1/function/list?app\_id=AK20210405UNPGBS",

"method" : "GET",

"response" : {

"result" : 0,

"object\_array" : [ {

"function\_id" : 2103301117090839,

"function\_name" : "在线预览",

"doc\_url" : "",

"desc" : "WPS向开发者提供面向应用的文档在线预览能力。",

"modify\_at" : 1617074229

}, {

"function\_id" : 2103301117092559,

"function\_name" : "内容处理",

"doc\_url" : "",

"desc" : "WPS向开发者提供面向第三方应用的文档格式转换、内容处理能力，包括word转pdf、excel转pdf、转图片和文档合并、拆分、清稿、水印等。",

"modify\_at" : 1617074229

}, {

"function\_id" : 2103301117092615,

"function\_name" : "应用授权",

"doc\_url" : "",

"desc" : "",

"modify\_at" : 1617074229

}, {

"function\_id" : 2103301117096487,

"function\_name" : "在线编辑",

"doc\_url" : "",

"desc" : "WPS向开发者提供面向应用的文档协同编辑能力。\n对接应用通过此能力完成对接企业应用进行对接，应用自身完成文本版本、权限、以及存储信息的管理，只通过此能力进行文档编辑处理。",

"modify\_at" : 1617074229

} ]

}

}

### 允许应用可以使用【在线预览】功能

在浏览器中访问：[http://localhost:8087/apps/AK20210405UNPGBS/functions/2103301117090839/grant](http://localhost:8087/apps/AK20210405UNPGBS/functions/2103301117092615/grant)

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/function/2103301117090839",

"method" : "PUT",

"request" : {

"is\_grant" : true

},

"response" : {

"result" : 0

}

}

### 允许应用可以使用【在线编辑】功能

在浏览器中访问：[http://localhost:8087/apps/AK20210405UNPGBS/functions/2103301117096487/grant](http://localhost:8087/apps/AK20210405UNPGBS/functions/2103301117092615/grant)

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/function/2103301117096487",

"method" : "PUT",

"request" : {

"is\_grant" : true

},

"response" : {

"result" : 0

}

}

### 允许应用可以使用【内容处理】功能

在浏览器中访问：[http://localhost:8087/apps/AK20210405UNPGBS/functions/2103301117092559/grant](http://localhost:8087/apps/AK20210405UNPGBS/functions/2103301117092615/grant)

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/function/2103301117092559",

"method" : "PUT",

"request" : {

"is\_grant" : true

},

"response" : {

"result" : 0

}

}

### 查看应用可以使用的所有功能

在浏览器中访问：http://localhost:8087/apps/AK20210405UNPGBS/functions/get-acquired-for

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/function/list",

"method" : "GET",

"response" : {

"result" : 0,

"object\_array" : [ {

"function\_id" : 2103301117090839,

"function\_name" : "在线预览",

"status" : 1,

"modify\_at" : 0

}, {

"function\_id" : 2103301117092559,

"function\_name" : "内容处理",

"status" : 1,

"modify\_at" : 0

}, {

"function\_id" : 2103301117092615,

"function\_name" : "应用授权",

"status" : 1,

"modify\_at" : 1617628874

}, {

"function\_id" : 2103301117096487,

"function\_name" : "在线编辑",

"status" : 1,

"modify\_at" : 0

} ]

}

}

## 设置应用的【在线编辑】功能的配置

### 设置配置

在浏览器中访问：[http://localhost:8087/apps/AK20210405UNPGBS/set-online-edit-config?callback\_url=http://10.90.192.216:8086](http://localhost:8087/apps/AK20210405UNPGBS/set-online-edit-config?callback_url=http:/10.90.192.216:8086)

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/online\_edit",

"method" : "PUT",

"request" : {

"callback\_url" : "http://10.90.192.216:8086",

"file\_info" : "/v1/3rd/file/info",

"user\_info" : "/v1/3rd/user/info",

"file\_save" : "/v1/3rd/file/save",

"file\_version" : "/v1/3rd/file/version/:version",

"file\_history" : "/v1/3rd/file/history",

"file\_rename" : "/v1/3rd/file/rename",

"file\_online" : "/v1/3rd/file/online",

"onnotify" : "/v1/3rd/onnotify"

},

"response" : {

"result" : 0

}

}

### 查看配置

在浏览器中访问：http://localhost:8087/apps/AK20210405UNPGBS/get-online-edit-config

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/online\_edit",

"method" : "GET",

"response" : {

"result" : 0,

"object" : {

"app\_id" : "AK20210405UNPGBS",

"callback\_url" : "http://10.90.192.216:8086",

"file\_info" : "/v1/3rd/file/info",

"user\_info" : "/v1/3rd/user/info",

"file\_save" : "/v1/3rd/file/save",

"file\_version" : "/v1/3rd/file/version/:version",

"file\_history" : "/v1/3rd/file/history",

"file\_rename" : "/v1/3rd/file/rename",

"file\_online" : "/v1/3rd/file/online",

"file\_new" : "",

"onnotify" : "/v1/3rd/onnotify"

}

}

}

## 设置应用白名单

### 设置白名单

在浏览器中访问：[http://localhost:8087/apps/AK20210405UNPGBS/set-ip-white-list?ip\_white\_list=10.90.192.216](http://localhost:8087/apps/AK20210405UNPGBS/set-ip-white-list?ip_white_list=10.90.192.216,10.90.192.217)

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/ip\_white\_list",

"method" : "POST",

"request" : {

"ip\_white\_list" : "10.90.192.216"

},

"response" : {

"result" : 0

}

}

### 查看白名单

在浏览器中访问：[http://localhost:8087/apps/AK20210405UNPGBS/get-ip-white-list](http://localhost:8087/apps/AK20210405UNPGBS/set-ip-white-list?ip_white_list=10.90.192.216,10.90.192.217)

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/ip\_white\_list",

"method" : "GET",

"response" : {

"result" : 0,

"object\_array" : [ {

"app\_id" : "AK20210405UNPGBS",

"ip" : "10.90.192.216",

"create\_at" : 1617619970,

"modify\_at" : 1617679536

}]

}

}

## 获取应用key

在浏览器中访问：http://localhost:8087/apps/AK20210405UNPGBS/get-key

{

"url" : "http://10.90.3.51/open/admin/v1/app/AK20210405UNPGBS/key",

"method" : "GET",

"response" : {

"result" : 0,

"app\_key" : "f9da86aba806f8cc999e7f9c2633a34e"

}

}