# 熟悉项目文档

**certificate\_service**

**api**

**ArticleController(文章controller)**

**映射**：**/article**

**成员变量**：ArticleService **articleService**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| uploadArticlePicture | *上传图片获取图片占位符和地址* | post | MultipartFile picture | ResponseResult | **/uploadArticlePicture** |
| addArticle | *添加通知文章等信息* | post | String title, String content, String navigationMenuId, MultipartFile thumbPicture, String date,String link | ResponseResult | **/addArticle** |
| getListBySearcherPaged | 分页查找文章 | post | String menuId, String searcher, Integer page, Integer pageSize | ResponseResult | **/getListBySearcherPaged** |
| getArticleInfoById | 通过文章ID获取文章内容 | Get | String id | ResponseResult | **/getArticleInfoById** |

**CourseController(课程controller)**

**映射**：**/course**

**成员变量**

VideoService **videoService**

MenuService **menuService**

GridFSBucket **gridFSBucket**

GridFsTemplate **gridFsTemplate**

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| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| downloadFile | *下载文件* | get | HttpServletRequest request, String mongoId, HttpServletResponse response | void | **/downloadMongoZip** |
| addCourseZip | *为课程添加下载资料（zip）* | post | MultipartFile file, String courseId | ResponseResult | **/addCourseZip** |
| getCourseList | *获取课程资源分页列表* | post | @RequestParam(**"search"**) String search, String navigationMenuId, Integer page, Integer pageSize | ResponseResult | **/getCourseList** |
| getBaseInfo | *根据课程id获取基本信息* | Get | String courseId | ResponseResult | **/getBaseInfo** |
| addVideo | *添加视频,图片等相关资源（在线播放，原始接口)* | post | MultipartFile videoFile, MultipartFile thumbFile, String description, String courseId | ResponseResult | **/addResource** |
| getInfoById | *获取视频信息,必须携带token* | get | String id, String token | ResponseResult | **/getInfoById** |
| getVideoPath | *报名学习，获取课程的所有视频和链接* | get | String courseId | ResponseResult | **/getVideoPath** |

**CourseDataController(课程资源Controller)**

映射：**/courseData**

成员变量：

CourseDataService **courseDataService**

GridFsTemplate **gridFsTemplate**

MenuService **menuService**

CourseVideoService **courseVideoService**

CoursePictureService **coursePictureService**

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| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| batchUploadFile | *批量上传视频、pdf到课程菜单下* | post | @RequestParam(**"files"**) MultipartFile[] files, String courseMenuId | ResponseResult | **/batchUploadFile** |
| upload | *课程资源文件上传* | post | MultipartFile info, MultipartFile thumb, MultipartFile teacherPicture, String name, String catalog, String description, Date openDate | ResponseResult | **/uploadFile** |
| getDataByCourseId | *根据资源ID获取资源详情（路径,不带token）* | post | String dataId | ResponseResult | **/getDataByCourseId** |
| uploadCourseData | *上传数据接口,上传单个视频，pdf等* | post | String courseMenuId, MultipartFile video, MultipartFile pdf | ResponseResult | **/uploadCourseData** |

**CourseMenuController(课程菜单Controller)**

**映射**：**/courseMenu**

**成员变量**：

CourseMenuService **courseMenuService**

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| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| addCourseMenu | *添加课程信息* | post | String name, String pid , String menuId | ResponseResult | **/addCourseMenu** |
| upload | *根据课程ID获取课程目录列表* | get | String menuId | ResponseResult | **/getListByMenuId** |

**InformationController(资讯中心Controller)**

**映射**：**/information**

**成员变量**：

InformationService **informationService**

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| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| getInformationBySearcherPaged | 分页查找资讯列表 | post | String menuId, String searcher, Integer page, Integer pageSize | ResponseResult<PageInfo<List<InformationDto>>> | /getListBySearcherPaged |
| addInformation | 添加咨询 | Post | @RequestBody InformationVO info | ResponseResult<?> | /addInformation |

**LoginController(登录登出Controller)**

**映射**：**无**

**成员变量**：

UserService **userService**  
UserRoleMapper **userRoleMapper**

RedisOperator **redisOperator**

UserDetailsService **userDetailsService**  
*//用于记录短信服务中用户自定义流水号*AtomicInteger **AtomicOrder** = **new** AtomicInteger()

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| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| logout | *用户登出操作* | get | HttpServletRequest request | ResponseResult | **/logout** |
| changePassword | *用户修改密码/第一次设置密码,携带token* | post | @RequestBody UserChangePasswordVO userChangePasswordVO, HttpServletRequest request | ResponseResult | **/changePassword** |
| accountLogin | *用户账号密码登录* | post | @RequestParam(**"mobile"**) String mobile, @RequestParam(**"password"**) String password | ResponseResult | **/accountLogin** |
| forgetPassword | *忘记账号密码找回* | post | UserPasswordVO userVO | ResponseResult | **/forgetPassword** |
| register | *用户注册* | post | UserRegVO userRegVO | ResponseResult | **/register** |
| toLogin | *用户手机验证码登录* | Post | @RequestParam(**"mobile"**) String mobile, @RequestParam(**"verificationCode"**) String verificationCode | ResponseResult | **/toLogin** |
| loginCheck | *用于发送获取短信验证码* | post | @RequestParam(**"mobile"**) String mobile | ResponseResult | **/sendMessage** |
| getCode | *生成6位随机数验证码* | / | / | String | **无** |
| getUserNickName | *生成随机用户名，数字和字母组成* | / | / | String | **无** |
| checkRealName | *校验真实姓名* | / | String realName | ResponseResult | **无** |
| checkSchool | *校验学校* | / | ResponseResult | String school | **无** |
| checkCourse | *校验课程* | / | ResponseResult | String course | **无** |
| checkIdCard | *校验身份证* | / | ResponseResult | String idCard | **无** |

**MicroLessonController(微课Controller)**

**映射**：**/microLesson**

**成员变量**：

CourseVideoService **courseVideoService**

MenuMapper **menuMapper**

RedisOperator **redisOperator**

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| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| addVideo | *根据课程ID获取视频信息，需要带token* | get | String courseId, HttpServletRequest request | ResponseResult | **/getVideoInfo** |

**MongDBController**

**映射**：**/mongo**

**成员变量**：

GridFsTemplate **gridFsTemplate**

GridFSBucket **gridFSBucket**MenuService **menuService**

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| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| mongoUpload | *MongoDB上传文件返回路径* | post | MultipartFile file | ResponseResult | **/mongoUpload** |
| fastDFSUpload | *FastDFS上传文件返回路径* | post | MultipartFile file | ResponseResult | **/fastDFSUpload** |
| getAuthFilePath | *根据fastdfs路径获取带有token的路径* | Get | String filePath | ResponseResult | **/getAuthFilePath** |
| getAvatar | *访问图片* | Get | @PathVariable(**"id"**) String id | **byte**[] | **/photo/{id}** |
| getMenuInfo | *获取课程资源列表(未分页接口)* | Get | @RequestParam(**"search"**) String search, String navigationMenuId | ResponseResult | **/getMenuInfo** |
| downloadFile | *下载文件* | Get | @RequestParam(name = **"mongoId"**) String mongoId, @RequestParam(name = **"token"**) String token, HttpServletResponse response | Void | **/download** |
| toByteArray | 字节流转换为一个 byte数组 | / | InputStream input | **byte**[] | **无** |

**NationalRaceController(国、省赛Controller)**

**映射**：**/nationalRace**

**成员变量**：

GridFsTemplate **gridFsTemplate**

CourseDataService **courseDataService**

MenuMapper **menuMapper**

DataMenuMapper **dataMenuMapper**

CourseVideoService **courseVideoService**

MenuService **menuService**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| upload | *上传国赛省赛等课程缩略图等* | post | String name, String pid , String menuId | ResponseResult | **/uploadFile** |
| noTokenGainPath | *根据课程id获取详情（路径，不带token）* | get | String courseId | ResponseResult | **/getPaTh** |
| upload | *上传国赛，省赛行业赛等对应相关视频* | Post | String courseId, MultipartFile videoFile | ResponseResult | **/uploadVideoFile** |

**NavigationMenuController(导航栏Controller)**

**映射**：**/navigationMenu**

**成员变量**：

DataMenuService **dataMenuService**

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| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| getLeafNodeBySecondLevelsId | *根据二级目录ID获取自己所有节点（手机）* | get | String courseMenuId | ResponseResult | **/getLeafNodeBySecondLevelsId** |
| addMenu | *添加菜单* | get | DataMenuVO dataMenuVO | ResponseResult | **/addMenu** |
| getTwoLevelsMenu | *获取前两级目录菜单* | get | / | ResponseResult | **/getTwoLevelsMenu** |
| getSonMenuByPid | *根据上级目录获取下所有目录* | Get | String pid | ResponseResult | **/getSonMenuByPid** |

**PermissionController(权限Controller)**

**映射**：**/permission**

**成员变量**：

PermissionService **permissionService**

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| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| addPermission | *增加新的角色类型* | post | String permission,String name | ResponseResult | **/addPermission** |

**RoleController(角色Controller)**

**映射**：**/role**

**成员变量**：

RoleService **roleService**

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| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| addRole | *增加新的角色类型* | post | String role,String name | ResponseResult | **/addRole** |

**RolePermissionController(角色权限Controller)**

**映射**：**/rolePermission**

**成员变量**：

RolePermissionService **rolePermissionService**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| addRolePermission | *增加角色-权限类型* | post | String roleId,String permissionId | ResponseResult | **/addRolePermission** |

**SwipeController(轮播图Controller)**

**映射**：**/swipe**

**成员变量**：

SwipeService **swipeService**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| addSwipe | *添加轮播图* | post | MultipartFile picture, Integer order, String link, Boolean state | ResponseResult<?> | **/addSwipe** |
| getSwipeList | 获取轮播图列表 | post | / | ResponseResult<List<SwipeDto>> | **/getPaTh** |

**UserController(用户Controller)**

**映射**：**/account**

**成员变量**：

UserService **userService**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| getUserBaseInfo | *获取用户基本信息* | get | HttpServletRequest request | ResponseResult | **/userBaseInfo** |
| completeUserInfo | *完善用户信息* | post | @RequestBody UserVO userVO | ResponseResult | **/completeUserInfo** |

**UserRoleController(用户角色Controller)**

**映射**：**/userRole**

**成员变量**：

UserRoleService **userRoleService**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 方法 | 功能 | 请求方式 | 参数 | 返回类型 | 映射 |
| addUserRole | *增加新的角色类型* | post | String userId,String roleId | ResponseResult | **/addUserRole** |