法立信API

文档修订历史

**修订:**

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| --- | --- | --- | --- | --- |
| 日期 | 参与人 | 版本 | 动作 | 结论 |
| 03/25/2019 | Foy Lian | V1.0.0 |  | N/A |
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目录

[文档修订历史 2](#_Toc533511486)

[1 背景 3](#_Toc533511487)

[2 整体说明 3](#_Toc533511488)

[3 接口定义 4](#_Toc533511489)

[3.1.1 创建卷宗文件存证 4](#_Toc533511490)

[3.1.2 创建卷宗事件存证 5](#_Toc533511491)

[3.1.3 根据bizId来查询卷宗文件存证 7](#_Toc533511492)

[3.1.4 根据bizId来查询卷宗事件存证 8](#_Toc533511493)

[3.1.5 根据文件名查询一组匹配存证 9](#_Toc533511494)

[4 Q&A 11](#_Toc533511495)

背景

NA

整体说明

1. 本文定义的所有接口都是Rest 接口
2. 所有对api发起的请求，都需要在header中带上Security-Key。应用的key请询问管理获取。
3. 如没有特殊说明，所有API请求需要在Header设置Accept：application/json，Content-Type：application/json
4. 如无特殊说明，所有接口返回结果都是如下json格式：

{

"procCode": 200,//接口返回结果，200：成功，其他：失败

"payload": {

//具体业务的json

},

"message": null //后台返回的消息

}

4. procCode码表定义



接口定义

### 添加事件存证

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| **场景基础信息** | | | | | | | |
| 设计编号 |  | | | | | | |
| 请求URI | <http://tfs-api-stage.at2plus.com/tfs/api/blockchain/addEvent> | | | | | | |
| 协议 | http POST | | | | | | |
| 事务处理类型 | 短事务 | | | | | | |
| 场景名 | 业务端调用该Web Service,创建事件存证 | | | | | | |
| 备注 |  | | | | | | |
| 调用频度 | 高频 | | | | | | |
| **请求方** | | | | | | | |
| 字段 | 数据类型 | 约束 | | 描述 | | 备注 | |
| eventMetadata | 对象 |  | | 事件原数据 | |  | |
| *archiveLocation* | String |  | | 归档事件，归档路径 | |  | |
| *comment* | String |  | | 备注 | |  | |
| *content* | String |  | | 自定义事件时使用，自定义事件内容 | |  | |
| *derivedFileName* | String |  | | 是否派生文件 | |  | |
| *fileBizId* | String |  | | 文件bizId | |  | |
| *fileDescription* | String |  | | 文件描述 | |  | |
| *fileHash* | String |  | | 文件hash | |  | |
| *fileId* | String |  | | 文件在dfs中的id | |  | |
| *filePublicUrl* | String |  | | 文件在dfs中的可访问url | |  | |
| *fileUri* | String |  | | 文件在dfs中的相对url | |  | |
| *source* | String |  | | 事件来源 | |  | |
| *storageType* | String |  | | 存储类型,1:dfs,2:归档 | |  | |
| *eventType* | String |  | | 事件类型 | | /\*\*  \* 创建文件存证  \*/  CREATE\_COURT\_FILE(1, "创建文件存证"),  /\*\*  \* 打水印  \*/  WATERMARK(2, "打水印"),  /\*\*  \* 上传dfs  \*/  UPLOAD\_DFS(3, "上传dfs"),  /\*\*  \* 添加文件存证  \*/  ADD\_RECORD(4, "添加文件存证"),  /\*\*  \* 归档  \*/  ARCHIVE(5, "归档"),  /\*\*  \* 查看  \*/  LOOK\_UP(6, "查看"),  /\*\*  \* 备注  \*/  COMMENTS(7, "备注"),  /\*\*  \* 自定义事件  \*/  CUSTOMIZE(8, "自定义事件"); | |
| *externalTimestamp* | String |  | | 业务系统记录时间 | |  | |
| *fileName* | String |  | | 时间涉及的文件名 | |  | |
| *示例：*  *{*  *"eventMetadata": {*  *"archiveLocation": "archive/image/20182223.png",*  *"comment": "存档事件上链",*  *"content": "save me",*  *"derivedFileName": "newcc.pdf",*  *"fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",*  *"fileDescription": "张某某2019年出庭记录存档",*  *"fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",*  *"fileId": 1,*  *"filePublicUrl": "http://dfs.at2plus.com/court/content/pdf/2019229333.pdf",*  *"fileUri": "court/image/shot.png",*  *"source": "文件上链",*  *"storageType": 1*  *},*  *"eventType": 4,*  *"externalTimestamp": "2019-01-12 13:22:32",*  *"fileName": "张某某2019年出庭记录.pdf"*  *}* | | | | | | | |
| **响应方** | | | | | | | |
| *payload* | string |  | | 事件存证bizid | |  | |
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| *示例：*  *{*  *"procCode": 200,*  *"payload": "AT2CHAIN-EVENT:COURT-1553499992409-7619",*  *"message": "",*  *"exception": null*  *}* | | | | | | | |
| **异常定义：** | | | | | | | |
| 异常码 | 异常类型 | | 异常文本 | | 描述 | | 备注 |
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| 实现时序 | | | | | | | |
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### 添加文件存证

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| **场景基础信息** | | | | | | | |
| 设计编号 |  | | | | | | |
| 请求URI | <http://tfs-api-stage.at2plus.com/tfs/api/blockchain/addRecord> | | | | | | |
| 协议 | http POST | | | | | | |
| 事务处理类型 | 短事务 | | | | | | |
| 场景名 | 业务端调用该Web Service,创建事件存证 | | | | | | |
| 备注 |  | | | | | | |
| 调用频度 | 高频 | | | | | | |
| **请求方** | | | | | | | |
| 字段 | 数据类型 | 约束 | | 描述 | | 备注 | |
| *deriveFileFlag* | String |  | | 是否派生类型 | |  | |
| *externalId* | String |  | | 外部业务id | |  | |
| *fileDescription* | String |  | | 文件描述 | |  | |
| *fileHash* | String |  | | 文件hash | |  | |
| *fileMetadata* | String |  | | 文件元数据 | |  | |
| *fileExtension* | String |  | | 文件扩展名 | |  | |
| *fileMimeType* | String |  | | 文件mime类型 | |  | |
| *fileSize* | String |  | | 文件大小 | |  | |
| *fileName* | String |  | | 文件名 | |  | |
| *fileStorageStatus* | String |  | | 文件存储状态 | |  | |
| *ownershipMetadata* | String |  | | 所有人元数据 | |  | |
| *operator* | String |  | | 操作者 | |  | |
| *organization* | String |  | | 所属组织 | |  | |
| *owner* | String |  | | 持有人 | |  | |
| *parentBizId* | String |  | | 关联的文件bizId | |  | |
| *archiveLogs* | String |  | | 归档记录 | |  | |
| *archiveLocation* | String |  | | 归档位置 | |  | |
| *archiveTimestamp* | String |  | | 归档时间 | |  | |
| *fileId* | String |  | | 文件id | |  | |
| *filePublicUrl* | String |  | | 文件在dfs中访问url | |  | |
| *fileStorageTimestamp* | String |  | | 文件存储时间 | |  | |
| *fileUri* | String |  | | 文件在dfs中的url | |  | |
| *storageType* | String |  | | 文件存储类型 | |  | |
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| *示例：*  *{*  *"deriveFileFlag": 0,*  *"externalId": "external-id-abc",*  *"fileDescription": "关于张某某2019年案件存档",*  *"fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",*  *"fileMetadata": {*  *"fileExtension": "pdf",*  *"fileMimeType": "text/pdf",*  *"fileSize": "103844k"*  *},*  *"fileName": "张某某文件.pdf",*  *"fileStorageStatus": 1,*  *"ownershipMetadata": {*  *"operator": "张晓彤",*  *"organization": "普陀区法院",*  *"owner": "李先开"*  *},*  *"parentBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",*  *"storageMetadata": {*  *"archiveLogs": [*  *{*  *"archiveLocation": "archive/abc.pdf",*  *"archiveTimestamp": 1553072073*  *}*  *],*  *"fileId": "file\_ddd\_pdf\_o002",*  *"filePublicUrl": "http://dfs.at2plus.com/court/content/2019888222.pdf",*  *"fileStorageTimestamp": 1553072073,*  *"fileUri": "/court/content/2019888222.pdf",*  *"storageType": 1*  *}*  *}* | | | | | | | |
| **响应方** | | | | | | | |
| bizId | String |  | | 上链后的文件存证bizId | |  | |
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| *示例：*  *{*  *"procCode": 200,*  *"payload": {*  *"bizId": "AT2CHAIN-FILE:COURT-1553500234799-2115"*  *},*  *"message": "",*  *"exception": null*  *}* | | | | | | | |
| **异常定义：** | | | | | | | |
| 异常码 | 异常类型 | | 异常文本 | | 描述 | | 备注 |
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### 文件归档

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| **场景基础信息** | | | | | | | |
| 设计编号 |  | | | | | | |
| 请求URI | <http://tfs-api-stage.at2plus.com/tfs/api/blockchain/archiveFile> | | | | | | |
| 协议 | http POST | | | | | | |
| 事务处理类型 | 短事务 | | | | | | |
| 场景名 | 业务端调用该Web Service,创建事件存证 | | | | | | |
| 备注 |  | | | | | | |
| 调用频度 | 高频 | | | | | | |
| **请求方** | | | | | | | |
| 字段 | 数据类型 | 约束 | | 描述 | | 备注 | |
| *archiveLocation* | String | 非空 | | 归档后文件在dfs中的位置 | |  | |
| *bizId* | String | 非空 | | 文件存证id | |  | |
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| *示例：*  *{*  *"archiveLocation": "archive/content/image/200343434.pdf",*  *"bizId": "AT2CHAIN-FILE:COURT-1553500234799-2115"*  *}* | | | | | | | |
| **响应方** | | | | | | | |
| payload | String |  | | 链上产生的txhash | |  | |
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| *示例：*  *{*  *"procCode": 200,*  *"payload": "61c1fd6d3c371601375e300a2ca0e2fb77aa845098b3e3eb4f47e8213adb80cd",*  *"message": "",*  *"exception": null*  *}* | | | | | | | |
| **异常定义：** | | | | | | | |
| 异常码 | 异常类型 | | 异常文本 | | 描述 | | 备注 |
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| 实现时序 | | | | | | | |
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### 根据bizId获取事件存证详情

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| **场景基础信息** | | | | | | | |
| 设计编号 |  | | | | | | |
| 请求URI | http://tfs-api-stage.at2plus.com/tfs/api/blockchain/getEvent/{EVNET\_BIZ\_ID} | | | | | | |
| 协议 | http GET | | | | | | |
| 事务处理类型 | 短事务 | | | | | | |
| 场景名 | 业务端调用该Web Service,创建事件存证 | | | | | | |
| 备注 |  | | | | | | |
| 调用频度 | 高频 | | | | | | |
| **请求方** | | | | | | | |
| 字段 | 数据类型 | 约束 | | 描述 | | 备注 | |
| bizId | String | 非空 | | 事件存证的bizId | |  | |
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| *示例：*  *{}* | | | | | | | |
| **响应方** | | | | | | | |
| *bizId* | String |  | | Bizid | |  | |
| *timestampStr* | String |  | | 时间 | |  | |
| *eventTypeDesc* | String |  | | 事件类型 | |  | |
| *objectType* | String |  | | 对象类型 | |  | |
| *accountId* | String |  | | 上链的账户 | |  | |
| *eventType* | String |  | | 事件类型 | |  | |
| *fileName* | String |  | | 文件名称 | |  | |
| *description* | String |  | | 秒杀 | |  | |
| *txHash* | String |  | | 链上的txhash | |  | |
| *timestamp* | String |  | | 时间 | |  | |
| *source* | String |  | | 来源 | |  | |
| *derivedFileName* | String |  | | 是否继承 | |  | |
| *storageType* | String |  | | 存储类型 | |  | |
| *content* | String |  | | 自定义事件内容 | |  | |
| *fileId* | String |  | | 文件id | |  | |
| *fileUri* | String |  | | 文件在dfs中的路径 | |  | |
| *filePublicUrl* | String |  | | 文件在dfs中的可访问路径 | |  | |
| *archiveLocation* | String |  | | 归档的路径 | |  | |
| *fileBizId* | String |  | | 关联的文件存证bizId | |  | |
| *fileHash* | String |  | | 文件hash | |  | |
| *fileDescription* | String |  | | 文件描述 | |  | |
| *ip* | String |  | | Ip地址 | |  | |
| *userAgent* | String |  | | 上链人的浏览器信息 | |  | |
| *comment* | String |  | | 备注 | |  | |
| *eventMetadataHash* | String |  | | 事件hash | |  | |
| *externalTimestamp* | String |  | | 业务系统时间 | |  | |
| *operator* | String |  | | 操作人 | |  | |
|  |  |  | |  | |  | |
| *示例：*  *{*  *"procCode": 200,*  *"payload": {*  *"bizId": "AT2CHAIN-EVENT:COURT-1553081105681-8662",*  *"timestampStr": "2019-03-20 19:25:05",*  *"eventTypeDesc": "查看",*  *"objectType": "Event",*  *"accountId": "test\_app\_oneKey",*  *"eventType": "6",*  *"fileName": "张某某2019年出庭记录.pdf",*  *"description": "",*  *"txHash": "b3bb1e90802452fb2be4347771f46a1e904a8aa3a6c55d8bce2b0654a5761cfe",*  *"timestamp": 1553081105,*  *"eventMetadata": {*  *"source": "文件上链",*  *"derivedFileName": "newcc.pdf",*  *"storageType": "1",*  *"content": null,*  *"fileId": "1",*  *"fileUri": "court/image/shot.png",*  *"filePublicUrl": "http://dfs.at2plus.com/court/content/pdf/2019229333.pdf",*  *"archiveLocation": "archive/image/20182223.png",*  *"fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",*  *"fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",*  *"fileDescription": "张某某2019年出庭记录存档",*  *"ip": "0:0:0:0:0:0:0:1",*  *"userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.110 Safari/537.36",*  *"comment": "存档事件上链"*  *},*  *"eventMetadataHash": "8bcba2ef5a7294f04c38aaf99461b6d7c39af2a69833f02ab0227043bfb816b7",*  *"externalTimestamp": 1547270552,*  *"operator": "test\_app\_oneKey"*  *},*  *"message": "",*  *"exception": null*  *}* | | | | | | | |
| **异常定义：** | | | | | | | |
| 异常码 | 异常类型 | | 异常文本 | | 描述 | | 备注 |
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| 实现时序 | | | | | | | |
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### 根据bizId获取文件存证详情

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **场景基础信息** | | | | | | | |
| 设计编号 |  | | | | | | |
| 请求URI | [http://tfs-api-stage.at2plus.com/tfs/api/blockchain/getRecord/{FILE\_BIZ\_ID}](http://tfs-api-stage.at2plus.com/tfs/api/blockchain/getRecord/%7bFILE_BIZ_ID%7d) | | | | | | |
| 协议 | http GET | | | | | | |
| 事务处理类型 | 短事务 | | | | | | |
| 场景名 | 业务端调用该Web Service,创建事件存证 | | | | | | |
| 备注 |  | | | | | | |
| 调用频度 | 高频 | | | | | | |
| **请求方** | | | | | | | |
| 字段 | 数据类型 | 约束 | | 描述 | | 备注 | |
| bizid | String | 非空 | | 文件存证id | |  | |
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| *示例：*  *{}* | | | | | | | |
| **响应方** | | | | | | | |
| *bizId* | String |  | | bizId | |  | |
| *timestampStr* | String |  | | 时间 | |  | |
| *objectType* | String |  | | 对象类型 | |  | |
| *externalId* | String |  | | 外部业务主键 | |  | |
| *fileHash* | String |  | | 文件hash | |  | |
| *fileName* | String |  | | 文件名 | |  | |
| *parentBizId* | String |  | | 关联文件id | |  | |
| *accountId* | String |  | | 上链账号id | |  | |
| *txHash* | String |  | | Txhash | |  | |
| *fileDescription* | String |  | | 文件描述 | |  | |
| *deriveFileFlag* | String |  | | 是否继承类型 | |  | |
| *fileStorageStatus* | String |  | | 存储状态 | |  | |
| *operator* | String |  | | 操作者 | |  | |
| *owner* | String |  | | 所有人 | |  | |
| *organization* | String |  | | 所属组织 | |  | |
| *ownershipMetadataHash* | String |  | | 所属hash | |  | |
| *fileExtension* | String |  | | 文件扩展名 | |  | |
| *fileMimeType* | String |  | | 文件mime类型 | |  | |
| *fileSize* | String |  | | 文件大小 | |  | |
| *fileMetadataHash* | String |  | | 文件元数据hash | |  | |
| *storageType* | String |  | | 存储类型 | |  | |
| *fileId* | String |  | | 文件id | |  | |
| *fileUri* | String |  | | 文件路径 | |  | |
| *filePublicUrl* | String |  | | 文件可访问路径 | |  | |
| *fileStorageTimestamp* | String |  | | 文件存储时间 | |  | |
| *archiveTimestamp* | String |  | | 归档时间 | |  | |
| *archiveLocation* | String |  | | 归档路径 | |  | |
| *storageMetadataHash* | String |  | | 存储hash | |  | |
| *timestamp* | String |  | | 时间 | |  | |
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| *示例：*  *{*  *"procCode": 200,*  *"payload": {*  *"bizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",*  *"timestampStr": "2019-03-20 16:54:33",*  *"objectType": "CourtFileInfoCert",*  *"externalId": "string",*  *"fileHash": "string",*  *"fileName": "string",*  *"parentBizId": "string",*  *"accountId": "test\_app\_oneKey",*  *"txHash": "33478a259e70bc1fa4ecf13cc3e7858711f21bf89017a3177d91ed8c80f92d9b",*  *"fileDescription": "string",*  *"deriveFileFlag": "string",*  *"fileStorageStatus": "string",*  *"ownershipMetadata": {*  *"operator": "string",*  *"owner": "string",*  *"organization": "string"*  *},*  *"ownershipMetadataHash": "22a55929f8d764b03854129670d7c83745f21d375b0bcbf1642690b2352948fc",*  *"fileMetadata": {*  *"fileExtension": "string",*  *"fileMimeType": "string",*  *"fileSize": "string"*  *},*  *"fileMetadataHash": "7eeb2ea26faf1a6f808f9073997d58d3d5c6162be48191f059904bd6ab0cb352",*  *"storageMetadata": {*  *"storageType": "2",*  *"fileId": "string",*  *"fileUri": "string",*  *"filePublicUrl": "string",*  *"fileStorageTimestamp": 0,*  *"archiveLogs": [*  *{*  *"archiveTimestamp": 0,*  *"archiveLocation": "string"*  *},*  *{*  *"archiveTimestamp": 1553081150,*  *"archiveLocation": "archive/content/image/200343434.pdf"*  *},*  *{*  *"archiveTimestamp": 1553221707,*  *"archiveLocation": "archive/content/image/200343434.pdf"*  *}*  *]*  *},*  *"storageMetadataHash": "4f2bba4a978c0d60e0e5cc2949c486ec7da364081cf7ea562cc8bb3b797be9f8",*  *"timestamp": 1553072073*  *},*  *"message": "",*  *"exception": null*  *}* | | | | | | | |
| **异常定义：** | | | | | | | |
| 异常码 | 异常类型 | | 异常文本 | | 描述 | | 备注 |
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| 实现时序 | | | | | | | |
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### 根据关键字查询事件存证

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| **场景基础信息** | | | | | | | |
| 设计编号 |  | | | | | | |
| 请求URI | http://tfs-api-stage.at2plus.com/tfs/api/blockchain/searchEvent | | | | | | |
| 协议 | http POST | | | | | | |
| 事务处理类型 | 短事务 | | | | | | |
| 场景名 | 业务端调用该Web Service,创建事件存证 | | | | | | |
| 备注 |  | | | | | | |
| 调用频度 | 高频 | | | | | | |
| **请求方** | | | | | | | |
| 字段 | 数据类型 | 约束 | | 描述 | | 备注 | |
| *bookmark* | String |  | | 分页标签 | |  | |
| *endDate* | String |  | | 事件的创建时间不晚于的时间 | |  | |
| *eventTypes* | String |  | | 查询事件的类型 | |  | |
| *fileBizId* | String |  | | 事件关联的文件存储信息 | |  | |
| *fileHash* | String |  | | 关联的文件存证的hash值 | |  | |
| *operator* | String |  | | 事件的操作者 | |  | |
| *pageSize* | String |  | | 分页大小 | |  | |
| *someDay* | String |  | | 查询某一天创建的事件 | |  | |
| *startDate* | String |  | | 时间的创建时间不早于的时间 | |  | |
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|  |  |  | |  | |  | |
| *示例：*  *{*  *"bookmark": "",*  *"endDate": "",*  *"eventTypes": [*  *4,*  *5*  *],*  *"fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",*  *"fileHash": "",*  *"operator": "test\_app\_oneKey",*  *"pageSize": 10,*  *"someDay": "",*  *"startDate": ""*  *}* | | | | | | | |
| **响应方** | | | | | | | |
| *bizId* | String |  | | Bizid | |  | |
| *timestampStr* | String |  | | 时间 | |  | |
| *eventTypeDesc* | String |  | | 事件类型 | |  | |
| *objectType* | String |  | | 对象类型 | |  | |
| *accountId* | String |  | | 上链的账户 | |  | |
| *eventType* | String |  | | 事件类型 | |  | |
| *fileName* | String |  | | 文件名称 | |  | |
| *description* | String |  | | 秒杀 | |  | |
| *txHash* | String |  | | 链上的txhash | |  | |
| *timestamp* | String |  | | 时间 | |  | |
| *source* | String |  | | 来源 | |  | |
| *derivedFileName* | String |  | | 是否继承 | |  | |
| *storageType* | String |  | | 存储类型 | |  | |
| *content* | String |  | | 自定义事件内容 | |  | |
| *fileId* | String |  | | 文件id | |  | |
| *fileUri* | String |  | | 文件在dfs中的路径 | |  | |
| *filePublicUrl* | String |  | | 文件在dfs中的可访问路径 | |  | |
| *archiveLocation* | String |  | | 归档的路径 | |  | |
| *fileBizId* | String |  | | 关联的文件存证bizId | |  | |
| *fileHash* | String |  | | 文件hash | |  | |
| *fileDescription* | String |  | | 文件描述 | |  | |
| *ip* | String |  | | Ip地址 | |  | |
| *userAgent* | String |  | | 上链人的浏览器信息 | |  | |
| *comment* | String |  | | 备注 | |  | |
| *eventMetadataHash* | String |  | | 事件hash | |  | |
| *externalTimestamp* | String |  | | 业务系统时间 | |  | |
| *operator* | String |  | | 操作人 | |  | |
|  |  |  | |  | |  | |
| *示例：*  {  "procCode": 200,  "payload": {  "content": [  {  "bizId": "AT2CHAIN-EVENT:COURT-1553240722944-1866",  "timestampStr": "2019-03-22 15:45:22",  "eventTypeDesc": "添加文件存证",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "4",  "fileName": "张某某2019年出庭记录.pdf",  "description": "",  "txHash": "0b5001b56e74b0815c9419330f21406ef8c0110aed3ab8bdb35d01a0772d9918",  "timestamp": 1553240722,  "eventMetadata": {  "source": "文件上链",  "derivedFileName": "newcc.pdf",  "storageType": "1",  "content": "save me",  "fileId": "1",  "fileUri": "court/image/shot.png",  "filePublicUrl": "http://dfs.at2plus.com/court/content/pdf/2019229333.pdf",  "archiveLocation": "archive/image/20182223.png",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",  "fileDescription": "张某某2019年出庭记录存档",  "ip": "0:0:0:0:0:0:0:1",  "userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.110 Safari/537.36",  "comment": "存档事件上链"  },  "eventMetadataHash": "2067fd39a04f36d836cd7f5e6dc3f556097a72d9516da13a9d417887c4117335",  "externalTimestamp": 1547270552,  "operator": "test\_app\_oneKey"  },  {  "bizId": "AT2CHAIN-EVENT:COURT-1553240873118-603",  "timestampStr": "2019-03-22 15:47:53",  "eventTypeDesc": "添加文件存证",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "4",  "fileName": "张某某2019年出庭记录.pdf",  "description": "",  "txHash": "455e01a3f716dc4482f4471ab59fc2669002d95311ea914510490e018447f502",  "timestamp": 1553240873,  "eventMetadata": {  "source": "文件上链",  "derivedFileName": "newcc.pdf",  "storageType": "1",  "content": "save me",  "fileId": "1",  "fileUri": "court/image/shot.png",  "filePublicUrl": "http://dfs.at2plus.com/court/content/pdf/2019229333.pdf",  "archiveLocation": "archive/image/20182223.png",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",  "fileDescription": "张某某2019年出庭记录存档",  "ip": "0:0:0:0:0:0:0:1",  "userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.110 Safari/537.36",  "comment": "存档事件上链"  },  "eventMetadataHash": "2067fd39a04f36d836cd7f5e6dc3f556097a72d9516da13a9d417887c4117335",  "externalTimestamp": 1547270552,  "operator": "test\_app\_oneKey"  },  {  "bizId": "AT2CHAIN-EVENT:COURT-1553247005899-3414",  "timestampStr": "2019-03-22 17:30:05",  "eventTypeDesc": "添加文件存证",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "4",  "fileName": "张某某2019年出庭记录.pdf",  "description": "",  "txHash": "62ad36372e02cbed299d8dc7c1273083c868b839e4f7412aabe6e6554231d69c",  "timestamp": 1553247005,  "eventMetadata": {  "source": "文件上链",  "derivedFileName": "newcc.pdf",  "storageType": "1",  "content": "save me",  "fileId": "1",  "fileUri": "court/image/shot.png",  "filePublicUrl": "http://dfs.at2plus.com/court/content/pdf/2019229333.pdf",  "archiveLocation": "archive/image/20182223.png",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",  "fileDescription": "张某某2019年出庭记录存档",  "ip": "192.168.192.213",  "userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.110 Safari/537.36",  "comment": "存档事件上链"  },  "eventMetadataHash": "516d0d8e785f8415d0e535991235ae212c8ace7ca1c3b3d8ce463d96b37741d4",  "externalTimestamp": 1547270552,  "operator": "test\_app\_oneKey"  },  {  "bizId": "AT2CHAIN-EVENT:COURT-1553247405250-651",  "timestampStr": "2019-03-22 17:36:45",  "eventTypeDesc": "添加文件存证",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "4",  "fileName": "张某某2019年出庭记录.pdf",  "description": "",  "txHash": "86628a58ee5f8284c359999def0d3e0ecebbd60254d304399304da667f0d74f3",  "timestamp": 1553247405,  "eventMetadata": {  "source": "文件上链",  "derivedFileName": "newcc.pdf",  "storageType": "1",  "content": "save me",  "fileId": "1",  "fileUri": "court/image/shot.png",  "filePublicUrl": "http://dfs.at2plus.com/court/content/pdf/2019229333.pdf",  "archiveLocation": "archive/image/20182223.png",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",  "fileDescription": "张某某2019年出庭记录存档",  "ip": "118.112.72.241",  "userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.110 Safari/537.36",  "comment": "存档事件上链"  },  "eventMetadataHash": "7112f1b3330a9719b9215f7a9364cf9f9bbc80fbaee998478ed89ff9a3250330",  "externalTimestamp": 1547270552,  "operator": "test\_app\_oneKey"  },  {  "bizId": "AT2CHAIN-EVENT:COURT-1553499992409-7619",  "timestampStr": "2019-03-25 15:46:32",  "eventTypeDesc": "添加文件存证",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "4",  "fileName": "张某某2019年出庭记录.pdf",  "description": "",  "txHash": "378153d187de53b82162bd97ad7f7cdc8213f3fd891a69ac40c88babe0556349",  "timestamp": 1553499992,  "eventMetadata": {  "source": "文件上链",  "derivedFileName": "newcc.pdf",  "storageType": "1",  "content": "save me",  "fileId": "1",  "fileUri": "court/image/shot.png",  "filePublicUrl": "http://dfs.at2plus.com/court/content/pdf/2019229333.pdf",  "archiveLocation": "archive/image/20182223.png",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",  "fileDescription": "张某某2019年出庭记录存档",  "ip": "172.16.5.1",  "userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.110 Safari/537.36",  "comment": "存档事件上链"  },  "eventMetadataHash": "705a0a5e069372a14c46c30ab37076e4cdfb8619e8a53b318fa759a5cffb5b05",  "externalTimestamp": 1547270552,  "operator": "test\_app\_oneKey"  },  {  "bizId": "Event-Internal-33478a259e70bc1fa4ecf13cc3e7858711f21bf89017a3177d91ed8c80f92d9b",  "timestampStr": "2019-03-20 16:54:33",  "eventTypeDesc": "添加文件存证",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "4",  "fileName": "string",  "description": "",  "txHash": "33478a259e70bc1fa4ecf13cc3e7858711f21bf89017a3177d91ed8c80f92d9b",  "timestamp": 1553072073,  "eventMetadata": {  "source": "string",  "derivedFileName": "",  "storageType": "",  "content": "save me",  "fileId": "",  "fileUri": "",  "filePublicUrl": "",  "archiveLocation": "",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "string",  "fileDescription": "",  "ip": "",  "userAgent": "",  "comment": ""  },  "eventMetadataHash": "f7029fd9054eaef720f749fe81a082724ab5235af2269ddac70df03689b5cfad",  "externalTimestamp": 1553072073,  "operator": "test\_app\_oneKey"  },  {  "bizId": "Event-Internal-b41f4b636229af207f1b671e08e9da79ba935ac47a545b16e86d9c6e755afe7e",  "timestampStr": "2019-03-20 19:25:50",  "eventTypeDesc": "归档",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "5",  "fileName": "string",  "description": "",  "txHash": "b41f4b636229af207f1b671e08e9da79ba935ac47a545b16e86d9c6e755afe7e",  "timestamp": 1553081150,  "eventMetadata": {  "source": "",  "derivedFileName": "",  "storageType": "2",  "content": "save me",  "fileId": "",  "fileUri": "",  "filePublicUrl": "",  "archiveLocation": "",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "string",  "fileDescription": "",  "ip": "",  "userAgent": "",  "comment": ""  },  "eventMetadataHash": "e919d45fc8183ae888f7cfd52e22ef9367fb1367a38f04adb26da718060125cc",  "externalTimestamp": 1553081150,  "operator": "test\_app\_oneKey"  },  {  "bizId": "Event-Internal-cb68032bc4bcd215ffdcc4eb160fd5bbe812b3beb8eaef381117efce3bffd5c5",  "timestampStr": "2019-03-22 10:28:27",  "eventTypeDesc": "归档",  "objectType": "Event",  "accountId": "test\_app\_oneKey",  "eventType": "5",  "fileName": "string",  "description": "",  "txHash": "cb68032bc4bcd215ffdcc4eb160fd5bbe812b3beb8eaef381117efce3bffd5c5",  "timestamp": 1553221707,  "eventMetadata": {  "source": "",  "derivedFileName": "",  "storageType": "2",  "content": "save me",  "fileId": "",  "fileUri": "",  "filePublicUrl": "",  "archiveLocation": "",  "fileBizId": "AT2CHAIN-FILE:COURT-1553072073904-6711",  "fileHash": "string",  "fileDescription": "",  "ip": "",  "userAgent": "",  "comment": ""  },  "eventMetadataHash": "e919d45fc8183ae888f7cfd52e22ef9367fb1367a38f04adb26da718060125cc",  "externalTimestamp": 1553221707,  "operator": "test\_app\_oneKey"  }  ],  "responseMeta": {  "count": 8,  "bookMark": "g1AAAAC1eJw1zVELgjAUhmERgq76Gd0NdjbnVnciRkIkhF2HZzujzAxsBP37XNDdx8sHz5AkSXpNXbJ6hW4Kd\_pc3NPe3GPuTfWmMbB6DDSN3cAs5oZLgTZD6wQo7521GSHk3DuFSAYESiQ01JGXBgA0eUsS56eyKjLLPzNEOCqLnxLXumhFuS\_qI9vVh2pbNudTy0ApybXgWm54xnIN0Pdf8P4ywg"  }  },  "message": "",  "exception": null  } | | | | | | | |
| **异常定义：** | | | | | | | |
| 异常码 | 异常类型 | | 异常文本 | | 描述 | | 备注 |
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| 实现时序 | | | | | | | |
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### 根据关键查询文件存证

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| **场景基础信息** | | | | | | | |
| 设计编号 |  | | | | | | |
| 请求URI | <http://tfs-api-stage.at2plus.com/tfs/api/blockchain/searchRecord> | | | | | | |
| 协议 | http POST | | | | | | |
| 事务处理类型 | 短事务 | | | | | | |
| 场景名 | 业务端调用该Web Service,创建事件存证 | | | | | | |
| 备注 |  | | | | | | |
| 调用频度 | 高频 | | | | | | |
| **请求方** | | | | | | | |
| 字段 | 数据类型 | 约束 | | 描述 | | 备注 | |
| *bookmark* | String |  | | 分页标签 | |  | |
| *endDate* | String |  | | 结束时间 | |  | |
| *externalId* | String |  | | 外部业务主键 | |  | |
| *fileHash* | String |  | | 文件hash | |  | |
| *pageSize* | String |  | | 每页显示多少条数据 | |  | |
| *someDay* | String |  | | 查询某一天上链的文件存证 | |  | |
| *startDate* | String |  | | 开始时间 | |  | |
|  |  |  | |  | |  | |
| *示例：*  *{*  *"bookmark": "",*  *"endDate": "",*  *"externalId": "",*  *"fileHash": "",*  *"pageSize": 10,*  *"someDay": "",*  *"startDate": ""*  *}* | | | | | | | |
| **响应方** | | | | | | | |
| *bizId* | String |  | | bizId | |  | |
| *timestampStr* | String |  | | 时间 | |  | |
| *objectType* | String |  | | 对象类型 | |  | |
| *externalId* | String |  | | 外部业务主键 | |  | |
| *fileHash* | String |  | | 文件hash | |  | |
| *fileName* | String |  | | 文件名 | |  | |
| *parentBizId* | String |  | | 关联文件id | |  | |
| *accountId* | String |  | | 上链账号id | |  | |
| *txHash* | String |  | | Txhash | |  | |
| *fileDescription* | String |  | | 文件描述 | |  | |
| *deriveFileFlag* | String |  | | 是否继承类型 | |  | |
| *fileStorageStatus* | String |  | | 存储状态 | |  | |
| *operator* | String |  | | 操作者 | |  | |
| *owner* | String |  | | 所有人 | |  | |
| *organization* | String |  | | 所属组织 | |  | |
| *ownershipMetadataHash* | String |  | | 所属hash | |  | |
| *fileExtension* | String |  | | 文件扩展名 | |  | |
| *fileMimeType* | String |  | | 文件mime类型 | |  | |
| *fileSize* | String |  | | 文件大小 | |  | |
| *fileMetadataHash* | String |  | | 文件元数据hash | |  | |
| *storageType* | String |  | | 存储类型 | |  | |
| *fileId* | String |  | | 文件id | |  | |
| *fileUri* | String |  | | 文件路径 | |  | |
| *filePublicUrl* | String |  | | 文件可访问路径 | |  | |
| *fileStorageTimestamp* | String |  | | 文件存储时间 | |  | |
| *archiveTimestamp* | String |  | | 归档时间 | |  | |
| *archiveLocation* | String |  | | 归档路径 | |  | |
| *storageMetadataHash* | String |  | | 存储hash | |  | |
| *timestamp* | String |  | | 时间 | |  | |
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|  |  |  | |  | |  | |
| *示例：*  *{*  *"procCode": 200,*  *"payload": {*  *"content": [*  *{*  *"bizId": "AT2CHAIN-FILE:-1552619688783-754",*  *"timestampStr": "1970-01-01 08:00:00",*  *"objectType": "CourtFileInfoCert",*  *"externalId": "string",*  *"fileHash": "string",*  *"fileName": "string",*  *"parentBizId": "",*  *"accountId": "",*  *"txHash": "",*  *"fileDescription": "string",*  *"deriveFileFlag": "string",*  *"fileStorageStatus": "string",*  *"ownershipMetadata": {*  *"operator": "string",*  *"owner": "string",*  *"organization": "string"*  *},*  *"ownershipMetadataHash": "string",*  *"fileMetadata": {*  *"fileExtension": "string",*  *"fileMimeType": "string",*  *"fileSize": "string"*  *},*  *"fileMetadataHash": "string",*  *"storageMetadata": {*  *"storageType": "string",*  *"fileId": "string",*  *"fileUri": "string",*  *"filePublicUrl": "string",*  *"fileStorageTimestamp": 0,*  *"archiveLogs": [*  *{*  *"archiveTimestamp": 0,*  *"archiveLocation": "string"*  *}*  *]*  *},*  *"storageMetadataHash": 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| **异常定义：** | | | | | | | |
| 异常码 | 异常类型 | | 异常文本 | | 描述 | | 备注 |
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| 实现时序 | | | | | | | |
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Q&A