DOKUMENTASI API

Semua path untuk akses API ada pada path ‘/api/v1’, dimana ‘v1’ ada versi API.

SERVICE SCANNER

This API does not serve any manipulation resource on the database nor fetches any data. This is just a service for users to scan their files.

| Path | /api/v1/services/filesignature/scanner |
| --- | --- |
| Method | POST |
| Request | Form-Data:   * files: File[] |
| Request ex. | curl –F “[files=@path-to-file/file.pdf](about:blank)” localhost:7000/api/v1/services/filesignature/scanner |
| Response (200) ex. | {    "status": "success",    "data": [      {        "file": "file.pdf",        "validity": false,        "metas": [          {            "mime": "application/zip",            "extensions": ["zip"]          }        ]      }    ]  } |
| Response detail | The response tells the validity of the file on the “validity” attribute, if the “validity” is “true”, then the file is indeed in the correct extension, otherwise “false”. The “metas” attribute tells you which valid extensions and mimes (meta data) for that particular file. Remember, a file can have multiple meta data (because they share the same signature), which means, they can be treated with the same application or executer, e.g. “.zip” and “.jar” shares the same signature, because “.jar” is essentially a “.zip” file, and you can rename “.jar” to “.zip” or the other way around if you like. |

MIME

| Path | /api/v1/mimes |
| --- | --- |
| Method | GET |
| Request | Query:   * pagination?: number = 10 * page?: number = 1 |
| Request ex. | curl "localhost:7000/api/v1/mimes?pagination=1&page=1” |
| Response (200) ex. | {    "status": "success",    "data": [      {        "id": 128,        "name": "application/epub+zip"      }    ]  } |
| Response detail | Server returns a list of mime types in the database. |

| Path | /api/v1/mimes/{id} |
| --- | --- |
| Method | GET |
| Request | URL params:   * id: number |
| Request ex. | curl “localhost:7000/api/v1/mimes/129” |
| Response (200) ex. | {    "status": "success",    "data": {      "id": 129,      "name": "application/font-sfnt"    }  } |
| Response detail | Just a simple data for that particular id. |

| Path | /api/v1/mimes |
| --- | --- |
| Method | POST |
| Request (needs auth) | Headers:   * “Content-Type”:“application/json” * “Authorization”:“bearer your-secret-access-token”   Body:   * name: string |
| Request ex. | curl –X POST localhost:7000/api/v1/mimes –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk1NzY4OSwiZXhwIjoxNjg3OTU5NDg5fQ.hZIn7zyL9fpSJ0rCVp3HEIXo\_JTAh\_Ico06FGoWtFR8” –d “{\“name\”:\”new-mime-type\”}” |
| Response (201) ex. | {    "status": "success",    "data": {      "id": 248,      "name": "new-mime-type"    }  } |
| Response detail | Create a new mime type. |

| Path | /api/v1/mimes/{id} |
| --- | --- |
| Method | PATCH |
| Request (needs auth) | URL params:   * id: number   Headers:   * “Content-Type”:“application/json” * “Authorization”:“bearer your-secret-access-token”   Body:   * name?: string |
| Request ex. | curl –X PATCH localhost:7000/api/v1/mimes/248 –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk1NzY4OSwiZXhwIjoxNjg3OTU5NDg5fQ.hZIn7zyL9fpSJ0rCVp3HEIXo\_JTAh\_Ico06FGoWtFR8” –d “{\“name\”:\”update-new-mime-type\”}” |
| Response (204) ex. |  |
| Response detail | No response, because server return 204 code on success. |

| Path | /api/v1/mimes/{id} |
| --- | --- |
| Method | DELETE |
| Request (needs auth) | URL params:   * id: number   Headers:   * “Authorization”:“bearer your-secret-access-token” |
| Request ex. | curl –X DELETE localhost:7000/api/v1/mimes/248 –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk1NzY4OSwiZXhwIjoxNjg3OTU5NDg5fQ.hZIn7zyL9fpSJ0rCVp3HEIXo\_JTAh\_Ico06FGoWtFR8” |
| Response (204) ex. |  |
| Response detail | No response, because server return 204 code on success. |

EXTENSION

| Path | /api/v1/extensions |
| --- | --- |
| Method | GET |
| Request | Query:   * pagination?: number = 10 * page?: number = 1 |
| Request ex. | curl “localhost:7000/api/v1/extensions?pagination=1&page=1” |
| Response (200) ex. | {    "status": "success",    "data": [      {        "id": 233,        "name": "3g2",        "mime\_id": 211      }    ]  } |
| Response detail | Server returns a list of extensions in the database. |

| Path | /api/v1/extensions/{id} |
| --- | --- |
| Method | GET |
| Request | URL params:   * id: number |
| Request ex. | curl “localhost:7000/api/v1/extensions/233” |
| Response (200) ex. | {    "status": "success",    "data": {      "id": 233,      "name": "3g2",      "mime\_id": 211    }  } |
| Response detail | Just a simple data for that particular id. |

| Path | /api/v1/extensions |
| --- | --- |
| Method | POST |
| Request (needs auth) | Headers:   * “Content-Type”:“application/json” * “Authorization”:“bearer your-secret-access-token”   Body:   * name: string * mime\_id: number |
| Request ex. | curl –X POST localhost:7000/api/v1/extensions –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk2MDUyMiwiZXhwIjoxNjg3OTYyMzIyfQ.pLwkQexlgp2DNO1FOb7J8gM6kfTFlev6SebBvy4YDW8” –d “{\“name\”:\”exmpl\”,\”mime\_id\”:136}” |
| Response (201) ex. | {    "status": "success",    "data": {      "id": 274,      "name": "exmpl",      "mime\_id": 136    }  } |
| Response detail | Create a new extension. |

| Path | /api/v1/extensions/{id} |
| --- | --- |
| Method | PATCH |
| Request (needs auth) | URL params:   * id: number   Headers:   * “Content-Type”:“application/json” * “Authorization”:“bearer your-secret-access-token”   Body:   * name?: string * mime\_id?: number |
| Request ex. | curl –X PATCH localhost:7000/api/v1/extensions/274 –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk2MDUyMiwiZXhwIjoxNjg3OTYyMzIyfQ.pLwkQexlgp2DNO1FOb7J8gM6kfTFlev6SebBvy4YDW8” –d “{\“name\”:\”update-exmpl\”}” |
| Response (204) ex. |  |
| Response detail | No response, because server return 204 code on success. |

| Path | /api/v1/extensions/{id} |
| --- | --- |
| Method | DELETE |
| Request (needs auth) | URL params:   * id: number   Headers:   * “Authorization”:“bearer your-secret-access-token” |
| Request ex. | curl –X DELETE localhost:7000/api/v1/extensions/274 –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk2MDUyMiwiZXhwIjoxNjg3OTYyMzIyfQ.pLwkQexlgp2DNO1FOb7J8gM6kfTFlev6SebBvy4YDW8” |
| Response (204) ex. |  |
| Response detail | No response, because server return 204 code on success. |

SIGNATURE

| Path | /api/v1/signatures |
| --- | --- |
| Method | GET |
| Request | Query:   * pagination?: number = 10 * page?: number = 1 |
| Request ex. | curl “localhost:7000/api/v1/signatures?pagination=1&page=1” |
| Response (200) ex. | {    "status": "success",    "data": [      {        "id": 182,        "offset": 0,        "hex": "00001A00051004",        "extension\_id": 124      }    ]  } |
| Response detail | Server returns a list of signatures in the database. |

| Path | /api/v1/signatures/{id} |
| --- | --- |
| Method | GET |
| Request | URL params:   * id: number |
| Request ex. | curl “localhost:7000/api/v1/signatures/182” |
| Response (200) ex. | {    "status": "success",    "data": {      "id": 182,      "offset": 0,      "hex": "00001A00051004",      "extension\_id": 124    }  } |
| Response detail | Just a simple data for that particular id. |

| Path | /api/v1/signatures |
| --- | --- |
| Method | POST |
| Request (needs auth) | Headers:   * “Content-Type”:“application/json” * “Authorization”:“bearer your-secret-access-token”   Body:   * offset: number * hex: string * extension\_id: number |
| Request ex. | curl –X POST localhost:7000/api/v1/signatures –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk2MDUyMiwiZXhwIjoxNjg3OTYyMzIyfQ.pLwkQexlgp2DNO1FOb7J8gM6kfTFlev6SebBvy4YDW8” –d “{\“offset\”:0,\”hex\”:\”FDDDFF\”,\”extension\_id\”:233}” |
| Response (201) ex. | {    "status": "success",    "data": {      "id": 410,      "offset": 0,      "hex": "FDDDFF",      "extension\_id": 233    }  } |
| Response detail | Create a new signature. |

| Path | /api/v1/signatures/{id} |
| --- | --- |
| Method | PATCH |
| Request (needs auth) | URL params:   * id: number   Headers:   * “Content-Type”:“application/json” * “Authorization”:“bearer your-secret-access-token”   Body:   * offset?: number * hex?: string * extension\_id?: number |
| Request ex. | curl –X PATCH localhost:7000/api/v1/signatures/410 –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk2MDUyMiwiZXhwIjoxNjg3OTYyMzIyfQ.pLwkQexlgp2DNO1FOb7J8gM6kfTFlev6SebBvy4YDW8” –d “{\“offset\”:11,\”hex\”:\”FFFFFF\”}” |
| Response (204) ex. |  |
| Response detail | No response, because server return 204 code on success. |

| Path | /api/v1/signatures/{id} |
| --- | --- |
| Method | DELETE |
| Request (needs auth) | URL params:   * id: number   Headers:   * “Authorization”:“bearer your-secret-access-token” |
| Request ex. | curl –X DELETE localhost:7000/api/v1/signatures/410 –H “Content-Type:application/json” –H “Authorization:bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk2MDUyMiwiZXhwIjoxNjg3OTYyMzIyfQ.pLwkQexlgp2DNO1FOb7J8gM6kfTFlev6SebBvy4YDW8” |
| Response (204) ex. |  |
| Response detail | No response, because server return 204 code on success. |

USER

| Path | /api/v1/users/register |
| --- | --- |
| Method | POST |
| Request | Body:   * name: string * email: string * username: string * password: string |
| Request ex. | curl -X POST localhost:7000/api/v1/users/register -H "Content-Type:application/json" -d "{\"name\":\"Slimy Smelly\",\"email\":\"slimy@gmail.com\",\"username\":\"slimy1234567\",\"password\":\"dev1234567\"}" |
| Response (201) ex. | {    "status": "success",    "data": {      "name": "Slimy Smelly",      "email": "slimy@gmail.com",      "username": "slimy1234567"    }  } |
| Response detail |  |

| Path | /api/v1/users/login |
| --- | --- |
| Method | POST |
| Request | Body:   * username: string * password: string |
| Request ex. | curl -X POST localhost:7000/api/v1/users/login -H "Content-type:application/json" -d "{\"username\":\"slimy1234567\",\"password\":\"dev1234567\"}" |
| Response (200) ex. | {    "status": "success",    "data": {      "accessToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk1NzY4OSwiZXhwIjoxNjg3OTU5NDg5fQ.hZIn7zyL9fpSJ0rCVp3HEIXo\_JTAh\_Ico06FGoWtFR8",      "refreshToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk1NzY5MSwiZXhwIjoxNjg4NTYyNDkxfQ.qFNRwqG6wOfcPbFCtrXVZrE5is2ArVR8J9wNhUVoU9E"    }  } |
| Response detail |  |

| Path | /api/v1/users/refresh-token |
| --- | --- |
| Method | POST |
| Request | Body:   * refreshToken: string |
| Request ex. | curl -X POST localhost:7000/api/v1/users/refresh-token -H "Content-type:application/json" -d "{\"refreshToken\":\"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk1NzY5MSwiZXhwIjoxNjg4NTYyNDkxfQ.qFNRwqG6wOfcPbFCtrXVZrE5is2ArVR8J9wNhUVoU9E\"}" |
| Response (200) ex. | {    "status": "success",    "data": {      "accessToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjp7Im5hbWUiOiJTbGlteSBTbWVsbHkiLCJlbWFpbCI6InNsaW15QGdtYWlsLmNvbSIsInVzZXJuYW1lIjoic2xpbXkxMjM0NTY3In0sImlhdCI6MTY4Nzk2MDUyMiwiZXhwIjoxNjg3OTYyMzIyfQ.pLwkQexlgp2DNO1FOb7J8gM6kfTFlev6SebBvy4YDW8"    }  } |
| Response detail |  |