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| **Versión** | 01 |
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| **MANUAL DE USO**  **SERVICIO REST API**  **V 1.0.0.0** | | | |

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| **CONTROL DE CAMBIOS Y EVOLUCIÓN DEL DOCUMENTO** | | | | |
| **Nro. de Cambio** | **Fecha de Cambio** | **Tipo[[1]](#footnote-1)** | **Descripción del cambio** | **Versión** |
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# SERVICIO REST API - EMPLOYEES

## Resumen de los endpoints

|  |  |  |
| --- | --- | --- |
| **Endpoint** | **Tipo** | **Descripción** |
| <https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/add> | POST | Agregar empleado |
| <https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/upd> | PUT | Modificar empleado |
| [https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/get/{employee\_id}](https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/get/%7bemployee_id%7d) | GET | Recuperar empleado |
| [https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/{resource}](https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/%7bresource%7d) | GET | Recuperar recursos |
| [https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/{resource}/{idOrSchema}](https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/%7bresource%7d/%7bidOrSchema%7d) | GET | Recuperar recurso especifico |

## Agregar registro

|  |  |
| --- | --- |
| Endpoint | <https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/add> |
| Tipo | POST |
| Headers | No Aplica |
| Body | * Tipo de formato: JSON   {      "employee\_id": "1001",      "first\_name": "MELISSA",      "last\_name": "FERNANDEZ CUADROS",      "gender": "F",      "birthdate": "27/04/1989",      "salary": 7000,      "department": "Development IT",      "boss": "Ana Seti",      "startdate": "01/01/2013"  }   * Detalle de campos a insertar:   + employee\_id: id del empleado   + first\_name: Nombres del empleado   + last\_name: Apellidos del empleado   + gender: Sexo del empleado   + birthday: Fecha de nacimiento del empleado (formato dd/mm/yyyy)   + salary: Remuneración del empleado   + department: Area donde labora el empleado   + boss: Jefe inmediato del empleado   + startdate: Fecha inicio de labores |
| Resultado | * Tipo de formato: JSON   {      "status": "Agregado o actualizado a DynamodDB."  } |

## Modificar registro

|  |  |
| --- | --- |
| Endpoint | <https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/upd> |
| Tipo | PUT |
| Headers | No Aplica |
| Body | * Tipo de formato: JSON   {      "employee\_id": "1001",      "first\_name": "MELISSA",      "last\_name": "FERNANDEZ CUADROS",      "gender": "F",      "birthdate": "27/04/1989",      "salary": 7000,      "department": "Development IT",      "boss": "Dr. Seti",      "startdate": "01/01/2013"  }   * Detalle de campos modificables:   + employee\_id: id del empleado   + first\_name: Nombres del empleado   + last\_name: Apellidos del empleado   + gender: Sexo del empleado   + birthday: Fecha de nacimiento del empleado (formato dd/mm/yyyy)   + salary: Remuneración del empleado   + department: Area donde labora el empleado   + boss: Jefe inmediato del empleado   + startdate: Fecha inicio de labores |
| Resultado | * Tipo de formato: JSON   {      "status": "Agregado o actualizado a DynamodDB."  } |

## Recuperar registro

|  |  |
| --- | --- |
| Endpoint | [https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/get/{employee\_id}](https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/employee/get/%7bemployee_id%7d)   * {employee\_id} => ID del empleado |
| Tipo | GET |
| Headers | No Aplica |
| Body | No Aplica |
| Resultado | {      "items": [          {              "department": "Development IT",              "boss": "Gustavo Yauri",              "birthdate": "26/03/1983",              "last\_name": "GONZALES OCHOAYYY",              "employee\_id": "1000",              "salary": 7500,              "first\_name": "JULIO CESARXXX",              "startdate": "18/03/2018",              "gender": "M"          }      ],      "count": 1  } |

## Recuperar recursos

|  |  |
| --- | --- |
| Endpoint | [https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/{resource}](https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/%7bresource%7d)   * {resource} => ID del recurso (ejemplos: vehicles, films) |
| Tipo | GET |
| Headers | No Aplica |
| Body | No Aplica |
| Resultado | {      "contador": 7,      "siguiente": **null**,      "anterior": **null**,      "resultados": [          {              "director": "George Lucas",              "url": "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/films/1/",              "titulo": "A New Hope",              "episodio\_id": 4,              "secuencia\_apertura": "It is a period of civil war.\r\nRebel spaceships, striking\r\nfrom a hidden base, have won\r\ntheir first victory against\r\nthe evil Galactic Empire.\r\n\r\nDuring the battle, Rebel\r\nspies managed to steal secret\r\nplans to the Empire's\r\nultimate weapon, the DEATH\r\nSTAR, an armored space\r\nstation with enough power\r\nto destroy an entire planet.\r\n\r\nPursued by the Empire's\r\nsinister agents, Princess\r\nLeia races home aboard her\r\nstarship, custodian of the\r\nstolen plans that can save her\r\npeople and restore\r\nfreedom to the galaxy....",              "productor": "Gary Kurtz, Rick McCallum",              "fecha\_lanzamiento": "1977-05-25",              "personajes": [                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/1/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/2/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/3/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/4/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/5/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/6/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/7/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/8/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/9/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/10/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/12/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/13/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/14/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/15/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/16/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/18/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/19/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/81/"              ],              "planetas": [                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/planets/1/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/planets/2/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/planets/3/"              ],              "nave\_espacial": [                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/2/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/3/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/5/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/9/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/10/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/11/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/12/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/starships/13/"              ],              "vehiculos": [                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/vehicles/4/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/vehicles/6/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/vehicles/7/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/vehicles/8/"              ],              "especies": [                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/species/1/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/species/2/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/species/3/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/species/4/",                  "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/species/5/"              ],              "creado\_en": "2014-12-10T14:23:31.880000Z",              "editado": "2014-12-20T19:49:45.256000Z"          },  (…) |

## Recuperar recurso especifico

|  |  |
| --- | --- |
| Endpoint | [https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/{resource}/{idOrSchema}](https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/%7bresource%7d/%7bidOrSchema%7d)   * {resource} => ID del recurso (ejemplos: vehicles, films) * {idOrSchema} => ID especifico |
| Tipo | GET |
| Headers | No Aplica |
| Body | No Aplica |
| Resultado | * Tipo de formato: JSON   {      "url": "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/vehicles/14/",      "nombre": "Snowspeeder",      "modelo": "t-47 airspeeder",      "fabricante": "Incom corporation",      "costo\_en\_creditos": "unknown",      "tamaño": "4.5",      "max\_velocidad\_atmosferica": "650",      "tripulacion": "2",      "pasajeros": "0",      "cargo\_capacidad": "10",      "consumibles": "none",      "vehiculo\_clase": "airspeeder",      "pilotos": [          "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/1/",          "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/people/18/"      ],      "peliculas": [          "https://vu65b71shj.execute-api.us-east-1.amazonaws.com/dev/api/starwars/films/2/"      ],      "creado\_en": "2014-12-15T12:22:12Z",      "editado": "2014-12-20T21:30:21.672000Z"  } |

1. A: Agregar; M: Modificar; E: Eliminar [↑](#footnote-ref-1)