

Tasca Avaluable 4.3

JSON-SCHEMA:

```
{
  "$schema": "https://json-schema.org/draft/2020-12/schema",
  "title": "Customers",
  "type": "object",
  "properties": {
    "$schema": { "type": "string" },
    "customer": {
      "type": "array",
      "minItems": 1,
      "items": {
        "type": "object",
        "properties": {
          "cust_id": { "type": "integer" },
          "fed_id": { "type": "string" },
          "type": { "type": "string", "enum": ["individual", "business"] },
          "address": { "type": "string" },
          "city": { "type": "string" },
          "postal_code": { "type": "string" },
          "state": { "type": "string", "enum": ["MA", "NH", "RI", "VE", "CN", "NY"] },

          "first_name_ind": { "type": "string" },
          "last_name_ind": { "type": "string" },
          "birth_date": { "type": "string", "format": "date" },

          "name": { "type": "string" },
          "state_id": { "type": "string" },
          "incorp_date": { "type": "string", "format": "date" },
          "officer": {
            "type": "array",
            "minItems": 1,
            "items": {
              "type": "object",
              "properties": {
                "officer_id": { "type": "integer" },
                "first_name_off": { "type": "string" },
                "last_name_off": { "type": "string" },
                "start_date": { "type": "string", "format": "date" },
                "end_date": { "type": ["string", "null"], "format": "date" },
                "title": { "type": "string", "enum": ["President", "CEO"] }
```

```
    },
    "required": ["officer_id", "first_name_off", "last_name_off"],
    "additionalProperties": false
  }
}

},
"required": ["cust_id", "fed_id", "type"],
"allOf": [
  {
    "if": { "properties": { "type": { "const": "individual" } } },
    "then": {
      "required": ["first_name_ind", "last_name_ind"],
      "not": { "required": ["name", "state_id", "officer"] }
    }
  },
  {
    "if": { "properties": { "type": { "const": "business" } } },
    "then": {
      "required": ["name", "state_id", "officer"],
      "not": { "required": ["first_name_ind", "last_name_ind"] }
    }
  }
],
"additionalProperties": false
}
}

},
"required": ["customer"],
"additionalProperties": false
}
```

JSON VÀLID:

```
{
  "$schema": "customer-schema.json",
  "customer": [
    {
      "cust_id": 1,
      "fed_id": "111-11-1111",
      "type": "individual",
      "address": "123 Main Street",
      "city": "Boston",
      "state": "MA",
      "postal_code": "02110",
      "first_name_ind": "John",
      "last_name_ind": "Smith",
      "birth_date": "1985-06-15"
    },
    {
      "cust_id": 10,
      "fed_id": "98-7654321",
      "type": "business",
      "address": "500 Business Rd",
      "city": "New York",
      "state": "NY",
      "postal_code": "10001",
      "name": "Tech Solutions Inc",
      "state_id": "NY12345",
      "incorp_date": "2005-03-20",
      "officer": [
        {
          "officer_id": 1,
          "first_name_off": "Alice",
          "last_name_off": "Brown",
          "start_date": "2010-01-01",
          "title": "CEO"
        }
      ]
    }
  ]
}
```

Enllaç GitHub: https://github.com/yanalexanderadames-gif/Llenguatge_De_Marques