

Scripts de los esquemas de validación

Para la colección bodegas:

```
{
  $jsonSchema: {
    bsonType: 'object',
    required: [
      '_id',
      'nombre',
      'tamano_metros'
    ],
    properties: {
      _id: {
        bsonType: 'int',
        description: 'Must be an integer'
      },
      nombre: {
        bsonType: 'string',
        description: 'must be a string and is required',
        minLength: 3,
        maxLength: 100
      },
      tamano_metros: {
        bsonType: 'int',
        description: 'Must be an integer'
      },
      productos: {
        bsonType: 'array',
        items: {
          bsonType: 'object',
          description: 'Each item in the array must be an object'
        },
        description: 'Must be an array of objects'
      }
    }
  }
}
```

Para la colección categorias:

```
{
  $jsonSchema: {
    bsonType: 'object',
```

```

required: [
  '_id',
  'nombre',
  'descripcion',
  'caracteristicas_de_almacenamiento'
],
properties: {
  _id: {
    bsonType: 'string',
    description: 'must be a string and is required',
    minLength: 1,
    maxLength: 50
  },
  nombre: {
    bsonType: 'string',
    description: 'must be a string and is required',
    minLength: 3,
    maxLength: 100
  },
  descripcion: {
    bsonType: 'string',
    description: 'must be a string and is required',
    minLength: 5,
    maxLength: 250
  },
  caracteristicas_de_almacenamiento: {
    bsonType: 'string',
    description: 'must be a string and is required',
    minLength: 5,
    maxLength: 250
  }
}
}
}

```

Para la ordenesdecompra:

```

{
  $jsonSchema: {
    bsonType: 'object',
    required: [
      '_id',
      'sucursal',
      'proveedor',

```

```

    'estado',
    'fecha_entrega',
    'fecha_creacion'
  ],
  properties: {
    _id: {
      bsonType: 'int',
      description: 'Must be an integer and is required'
    },
    sucursal: {
      bsonType: 'object',
      description: 'Must be an object and is required'
    },
    proveedor: {
      bsonType: 'object',
      description: 'Must be an object and is required'
    },
    estado: {
      bsonType: 'string',
      description: 'Must be a string and is required'
    },
    fecha_entrega: {
      bsonType: 'string',
      description: 'Must be a string and is required'
    },
    fecha_creacion: {
      bsonType: 'string',
      description: 'Must be a string and is required'
    }
  }
}

```

Para la coleccion productos:

```

{
  $jsonSchema: {
    bsonType: 'object',
    required: [
      '_id',
      'nombre',
      'precio_unitario',
      'presentacion',
      'cantidad_presentacion',

```

```
'unidad_medida_presentacion',
'cantidad_empaque',
'unidad_empaque',
'fecha_expiracion',
'categoria'
],
properties: {
  _id: {
    bsonType: 'string',
    description: 'Must be a string'
  },
  nombre: {
    bsonType: 'string',
    description: 'Must be a string'
  },
  precio_unitario: {
    bsonType: 'int',
    description: 'Must be an integer'
  },
  presentacion: {
    bsonType: 'string',
    description: 'Must be a string'
  },
  cantidad_presentacion: {
    bsonType: 'int',
    description: 'Must be an integer'
  },
  unidad_medida_presentacion: {
    bsonType: 'string',
    description: 'Must be a string'
  },
  cantidad_empaque: {
    bsonType: 'int',
    description: 'Must be an integer'
  },
  unidad_empaque: {
    bsonType: 'string',
    description: 'Must be a string'
  },
  fecha_expiracion: {
    bsonType: 'string',
    description: 'Must be a string'
  },
  categoria: {
```

```

    bsonType: 'object',
    description: 'Must be an object'
  }
}
}
}

```

Para la colección productosenbodega:

```

{
  $jsonSchema: {
    bsonType: 'object',
    required: [
      '_id',
      'productoID',
      'nivel_minimo_reorden',
      'capacidad_almacenamiento',
      'costo_bodega',
      'total_existencias',
      'costo_promedio'
    ],
    properties: {
      _id: {
        bsonType: 'int',
        description: 'Must be an integer'
      },
      productoID: {
        bsonType: 'string',
        description: 'Must be a string'
      },
      nivel_minimo_reorden: {
        bsonType: 'int',
        description: 'Must be an integer'
      },
      capacidad_almacenamiento: {
        bsonType: 'int',
        description: 'Must be an integer'
      },
      costo_bodega: {
        bsonType: 'double',
        description: 'Must be a double'
      },
      total_existencias: {
        bsonType: 'int',

```

```

        description: 'Must be an integer'
    },
    costo_promedio: {
        bsonType: 'double',
        description: 'Must be a double'
    }
}
}
}
}

```

Para la colección proveedores:

```

{
  $jsonSchema: {
    bsonType: 'object',
    required: [
      '_id',
      'nombre',
      'direccion',
      'nombre_contacto',
      'telefono_contacto'
    ],
    properties: {
      _id: {
        bsonType: 'string',
        description: 'Must be a string',
        minLength: 1,
        maxLength: 10
      },
      nombre: {
        bsonType: 'string',
        description: 'Must be a string',
        minLength: 3,
        maxLength: 250
      },
      direccion: {
        bsonType: 'string',
        description: 'Must be a string',
        minLength: 1,
        maxLength: 250
      },
      nombre_contacto: {
        bsonType: 'string',
        description: 'Must be a string',

```

```

    minLength: 3,
    maxLength: 100
  },
  telefono_contacto: {
    bsonType: 'string',
    description: 'Must be a string',
    minLength: 1,
    maxLength: 12
  }
}
}
}
}

```

Para la colección sucursales:

```

{
  $jsonSchema: {
    bsonType: 'object',
    required: [
      '_id',
      'nombre',
      'tamano_metros',
      'direccion',
      'telefono',
      'ciudad',
      'bodegas'
    ],
    properties: {
      _id: {
        bsonType: 'int',
        description: 'Must be an integer'
      },
      nombre: {
        bsonType: 'string',
        description: 'Must be a string'
      },
      tamano_metros: {
        bsonType: 'int',
        description: 'Must be an integer'
      },
      direccion: {
        bsonType: 'string',
        description: 'Must be a string'
      },
    },
  },
}

```

```
telefono: {
  bsonType: 'string',
  description: 'Must be a string'
},
ciudad: {
  bsonType: 'string',
  description: 'Must be a string'
},
bodegas: {
  bsonType: 'array',
  items: {
    bsonType: 'int',
    description: 'Each item in the array must be an integer'
  },
  description: 'Must be an array of integers'
}
}
}
```