

# Mongodb

## Collection Clientes

Compass

My Queries

CONNECTIONS (1)

Search connections

localhost:27017

admin

banco

clientes

tarjetas

config

local

xideral

clientes

localhost:27017 > banco > clientes

Documents 0 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#)

ADD DATA

EXPORT DATA

UPDATE

DELETE

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clientes

	_id ObjectId	name String	gender String	nationality String	birthDate	
1	ObjectId('68c50b65609f70...	"Juan Carlos Pérez"	"M"	"Mexicana"	1985-03-15	
2	ObjectId('68c50b65609f70...	"María Elena García"	"F"	"Mexicana"	1990-07-22	
3	ObjectId('68c50b65609f70...	"Carlos Alberto Rodrígue...	"M"	"Mexicana"	1982-11-08	
4	ObjectId('68c50b65609f70...	"Ana Sofia López"	"F"	"Mexicana"	1988-04-18	
5	ObjectId('68c50b65609f70...	"Miguel Ángel Hernández"	"M"	"Mexicana"	1975-09-30	
6	ObjectId('68c50b65609f70...	"Laura Patricia Martínez"	"F"	"Mexicana"	1992-12-05	
7	ObjectId('68c50b65609f70...	"Roberto Alejandro Sánch...	"M"	"Mexicana"	1980-01-25	
8	ObjectId('68c50b65609f70...	"Gabriela Fernández"	"F"	"Mexicana"	1987-06-14	
9	ObjectId('68c50b65609f70...	"Diego Fernando Torres"	"M"	"Mexicana"	1983-08-12	
10	ObjectId('68c50b65609f70...	"Valeria Alejandra Ruiz"	"F"	"Mexicana"	1991-02-28	
11	ObjectId('68c512ac7c598d...	"Pedro López González"	"M"	"Mexicana"	1988-06-15	

clientes					
	_id ObjectId	name String	gender String	nationality String	birthDate Date
1	ObjectId('68c50b65609f70...	"Juan Carlos Pérez"	"M"	"Mexicana"	1985-03-15T00:00:00.
2	ObjectId('68c50b65609f70...	"María Elena García"	"F"	"Mexicana"	1990-07-22T00:00:00.
3	ObjectId('68c50b65609f70...	"Carlos Alberto Rodrígue...	"M"	"Mexicana"	1982-11-08T00:00:00.
4	ObjectId('68c50b65609f70...	"Ana Sofia López"	"F"	"Mexicana"	1988-04-18T00:00:00.
5	ObjectId('68c50b65609f70...	"Miguel Ángel Hernández"	"M"	"Mexicana"	1975-09-30T00:00:00.
6	ObjectId('68c50b65609f70...	"Laura Patricia Martínez"	"F"	"Mexicana"	1992-12-05T00:00:00.
7	ObjectId('68c50b65609f70...	"Roberto Alejandro Sánch...	"M"	"Mexicana"	1980-01-25T00:00:00.
8	ObjectId('68c50b65609f70...	"Gabriela Fernández"	"F"	"Mexicana"	1987-06-14T00:00:00.
9	ObjectId('68c50b65609f70...	"Diego Fernando Torres"	"M"	"Mexicana"	1983-08-12T00:00:00.
10	ObjectId('68c50b65609f70...	"Valeria Alejandra Ruiz"	"F"	"Mexicana"	1991-02-28T00:00:00.
11	ObjectId('68c512ac7c598d...	"Pedro López González"	"M"	"Mexicana"	1988-06-15T06:00:00.

clientes					
	address String	city String	postalCode String	country String	phone String
1	"Av. Insurgentes Sur 123...	"Ciudad de México"	"03100"	"México"	"55-1234-5678"
2	"Calle Reforma 567"	"Guadalajara"	"44100"	"México"	"33-2345-6789"
3	"Boulevard Díaz Ordaz 89...	"Monterrey"	"64000"	"México"	"81-3456-7890"
4	"Av. Universidad 432"	"Puebla"	"72000"	"México"	"222-4567-8901"
5	"Calle Hidalgo 123"	"Mérida"	"97000"	"México"	"999-5678-9012"
6	"Av. Juárez 876"	"Tijuana"	"22000"	"México"	"664-6789-0123"
7	"Calle Morelos 345"	"León"	"37000"	"México"	"477-7890-1234"
8	"Av. Revolución 678"	"Querétaro"	"76000"	"México"	"442-8901-2345"
9	"Boulevard Costero 901"	"Veracruz"	"91700"	"México"	"229-9012-3456"
10	"Calle Zaragoza 234"	"Toluca"	"50000"	"México"	"722-0123-4567"
11	"Av. Revolución 1234"	"Ciudad de México"	"01000"	"México"	"55-1111-2222"

🏠 clientes				
	y String	phone String	cellphone String	email String
1	o"	"55-1234-5678"	"55-9876-5432"	"juan.perez@email.com"
2	o"	"33-2345-6789"	"33-8765-4321"	"maria.garcia@email.com"
3	o"	"81-3456-7890"	"81-7654-3210"	"carlos.rodriguez@email.com"
4	o"	"222-4567-8901"	"222-6543-2109"	"ana.lopez@email.com"
5	o"	"999-5678-9012"	"999-5432-1098"	"miguel.hernandez@email.com"
6	o"	"664-6789-0123"	"664-4321-0987"	"laura.martinez@email.com"
7	o"	"477-7890-1234"	"477-3210-9876"	"roberto.sanchez@email.com"
8	o"	"442-8901-2345"	"442-2109-8765"	"gabriela.fernandez@email.com"
9	o"	"229-9012-3456"	"229-1098-7654"	"diego.torres@email.com"
10	o"	"722-0123-4567"	"722-0987-6543"	"valeria.ruiz@email.com"
11	o"	"55-1111-2222"	"55-9999-8888"	"pedro.lopez@email.com"

Collection Tarjetas

Compass

My Queries

CONNECTIONS (1)

Search connection

localhost:27017

- admin
- banco
  - clientes
  - tarjetas
- config
- local
- xideral

clientes

tarjetas

+

localhost:27017

- Database: banco
- Collection: tarjetas

DocumentsSchemaIndexes (1)Validation

Open MongoDB shell

Type a query: { field: 'value' } or [Generate query](#)

ExplainResetFindOptions

ADD DATAEXPORT DATAUPDATEDELETE

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tarjetas

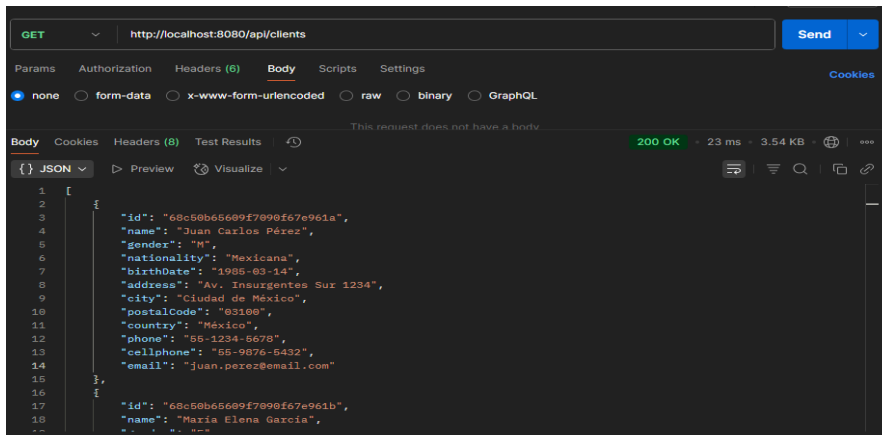
	_id	ObjectId	clientId	String	cardNumber	String	type	String	issueDate	Date			
1	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-1234-5678-9012"		"credito"		2022-01-15T00:00:00.				
2	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"5555-2345-6789-0123"		"credito"		2021-06-20T00:00:00.				
3	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"3782-345678-90123"		"debito"		2023-03-10T00:00:00.				
4	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-4567-8901-2345"		"debito"		2022-09-05T00:00:00.				
5	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"5555-5678-9012-3456"		"credito"		2020-12-01T00:00:00.				
6	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-6789-0123-4567"		"credito"		2023-07-18T00:00:00.				
7	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"5555-7890-1234-5678"		"credito"		2022-04-25T00:00:00.				
8	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"3782-456789-01234"		"debito"		2021-11-12T00:00:00.				
9	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"4532-8901-2345-6789"		"debito"		2023-02-08T00:00:00.				
10	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"5555-9012-3456-7890"		"credito"		2022-08-30T00:00:00.				
11	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"5555-0123-4567-8901"		"debito"		2023-05-15T00:00:00.				
12	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-2468-1357-9024"		"credito"		2021-10-20T00:00:00.				

tarjetas											
	_id	ObjectId	clientId	String	cardNumber	String	type	String	issueDate	Date	
1	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-1234-5678-9012"		"credito"		2022-01-15T00:00:00.		
2	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"5555-2345-6789-0123"		"credito"		2021-06-20T00:00:00.		
3	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"3782-345678-90123"		"debito"		2023-03-10T00:00:00.		
4	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-4567-8901-2345"		"debito"		2022-09-05T00:00:00.		
5	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"5555-5678-9012-3456"		"credito"		2020-12-01T00:00:00.		
6	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-6789-0123-4567"		"credito"		2023-07-18T00:00:00.		
7	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"5555-7890-1234-5678"		"credito"		2022-04-25T00:00:00.		
8	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"3782-456789-01234"		"debito"		2021-11-12T00:00:00.		
9	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"4532-8901-2345-6789"		"debito"		2023-02-08T00:00:00.		
10	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e962...		"5555-9012-3456-7890"		"credito"		2022-08-30T00:00:00.		
11	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"5555-0123-4567-8901"		"debito"		2023-05-15T00:00:00.		
12	ObjectId('68c50d9c1973ef...		"68c50b65609f7090f67e961...		"4532-2468-1357-9024"		"credito"		2021-10-20T00:00:00.		

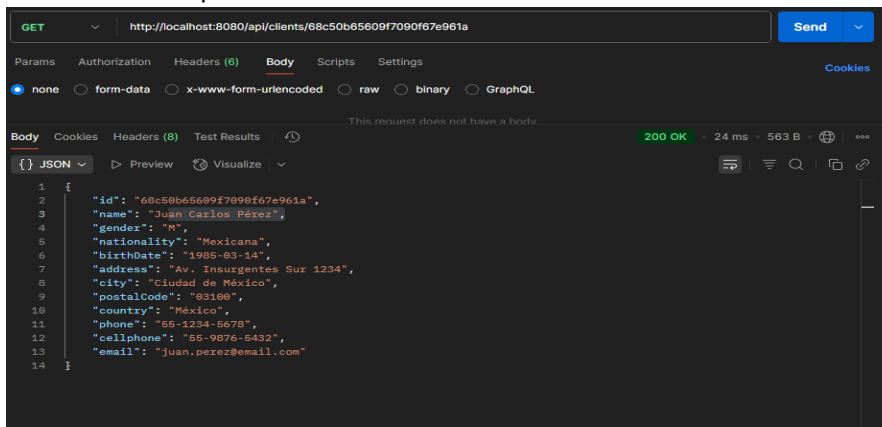
tarjetas					
	tring	issueDate	Date	expirationDate	Date
1	to"	2022-01-15T00:00:00.000+...	2027-01-15T00:00:00.000+...	50000	"activa"
2	to"	2021-06-20T00:00:00.000+...	2026-06-20T00:00:00.000+...	35000	"activa"
3	o"	2023-03-10T00:00:00.000+...	2028-03-10T00:00:00.000+...	null	"activa"
4	o"	2022-09-05T00:00:00.000+...	2027-09-05T00:00:00.000+...	null	"activa"
5	to"	2020-12-01T00:00:00.000+...	2025-12-01T00:00:00.000+...	40000	"suspendida"
6	to"	2023-07-18T00:00:00.000+...	2028-07-18T00:00:00.000+...	30000	"cancelada"
7	to"	2022-04-25T00:00:00.000+...	2027-04-25T00:00:00.000+...	60000	"activa"
8	o"	2021-11-12T00:00:00.000+...	2026-11-12T00:00:00.000+...	null	"activa"
9	o"	2023-02-08T00:00:00.000+...	2028-02-08T00:00:00.000+...	null	"suspendida"
10	to"	2022-08-30T00:00:00.000+...	2027-08-30T00:00:00.000+...	45000	"cancelada"
11	o"	2023-05-15T00:00:00.000+...	2028-05-15T00:00:00.000+...	null	"activa"
12	to"	2021-10-20T00:00:00.000+...	2026-10-20T00:00:00.000+...	35000	"suspendida"

# POSTMAN

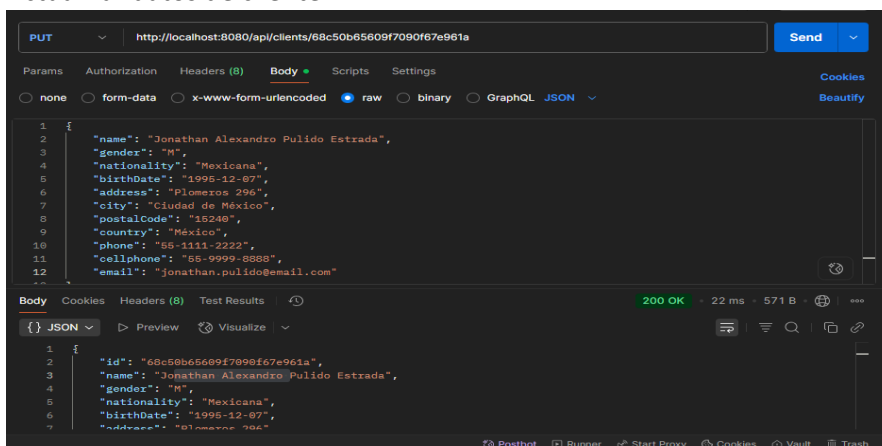
Obtener todos los clientes:



Obtener cliente por ID:



Actualizar datos de cliente:



clientes					
	_id ObjectId	name String	gender String	nationality String	birthDate Date
1	ObjectId('68c50b65609f70...	"Jonathan Alexandro Pulido Estrada"	"M"	"Mexicana"	1995-12-07T06:00:00.
2	ObjectId('68c50b65609f70...	"María Elena García"	"F"	"Mexicana"	1990-07-22T00:00:00.

Eliminar cliente por ID

DELETE

http://localhost:8080/api/clients/68c50b65609f7090f67e961a

Send

ParamsAuthorizationHeaders (8)BodyScriptsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

Body

204 No Content37 ms201 B

RawPreviewVisualize

1

clientes					
	_id ObjectId	name String	gender String	nationality String	birthDate Date
1	ObjectId('68c50b65609f70...	"María Elena García"	"F"	"Mexicana"	1990-07-22T00:00:00.
2	ObjectId('68c50b65609f70...	"Carlos Alberto Rodríguez"	"M"	"Mexicana"	1982-11-08T00:00:00.
3	ObjectId('68c50b65609f70...	"Ana Sofía López"	"F"	"Mexicana"	1988-04-18T00:00:00.

Crear nueva tarjeta y asociarla a cliente

POST

http://localhost:8080/api/cards

Send

ParamsAuthorizationHeaders (8)BodyScriptsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

Body

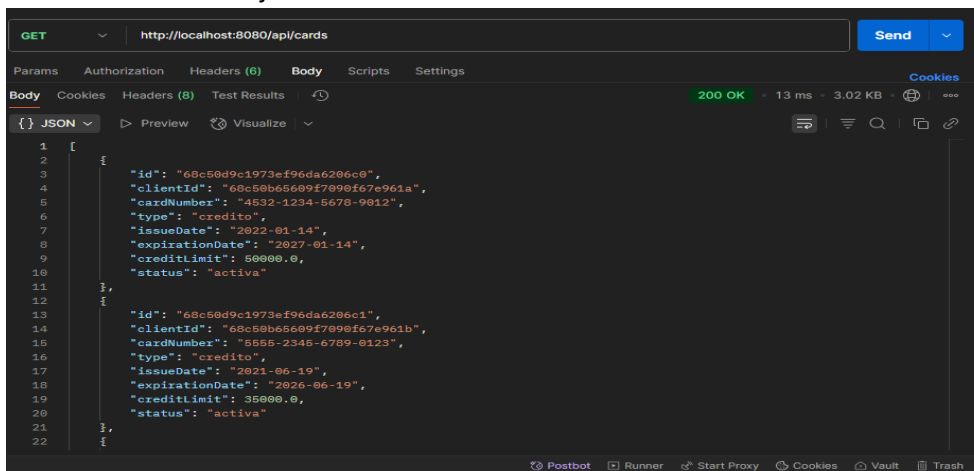
201 Created24 ms472 B

JSONPreviewVisualize

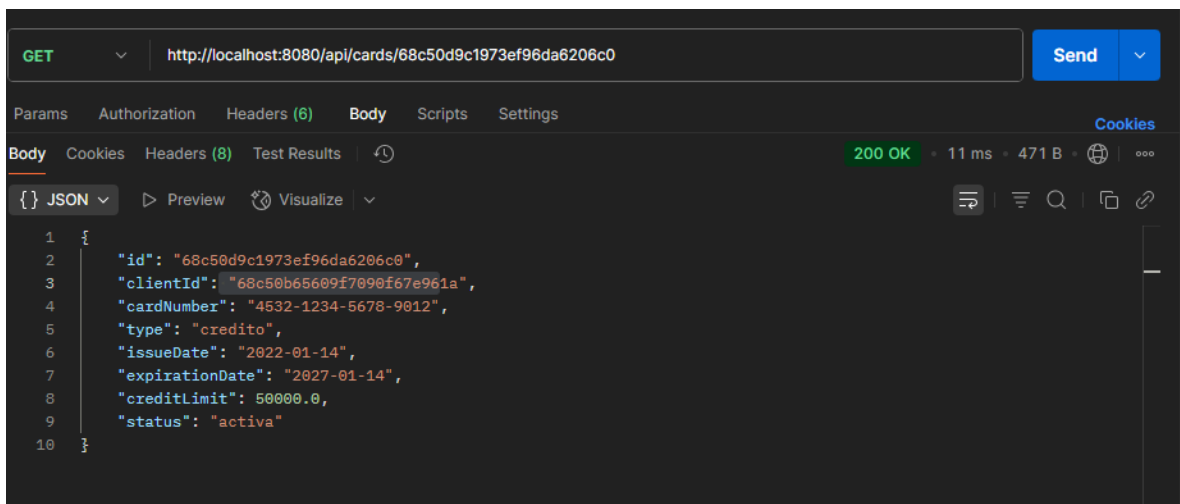
1

13	ObjectId('68c51a9f7c598d...	"68c519eb7c598d49a64d3f5...	"4532-1111-2222-3333"	"debito"	2024-01-15T06:00:00.
----	-----------------------------	-----------------------------	-----------------------	----------	----------------------

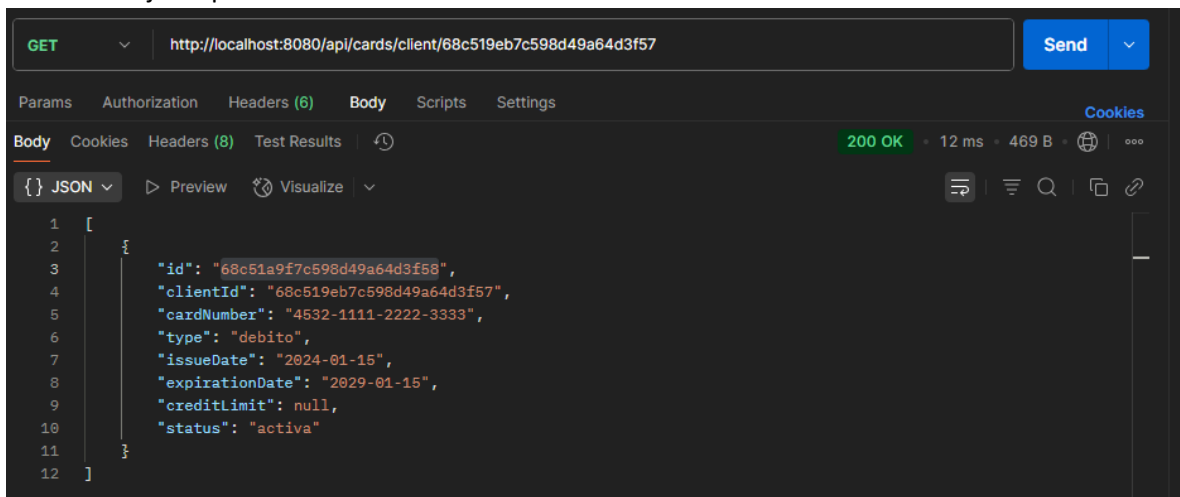
Obtener todas las tarjetas:



Obtener tarjeta por ID(tarjeta):



Obtener tarjetas por cliente:



```
GET http://localhost:8080/api/cards/client/68c50b65609f7090f67e961c

Body
200 OK • 13 ms • 690 B
[
  {
    "id": "68c50d9c1973ef96da6206c2",
    "clientId": "68c50b65609f7090f67e961c",
    "cardNumber": "3782-345678-90123",
    "type": "debito",
    "issueDate": "2023-03-09",
    "expirationDate": "2028-03-09",
    "creditLimit": null,
    "status": "activa"
  },
  {
    "id": "68c50d9c1973ef96da6206cb",
    "clientId": "68c50b65609f7090f67e961c",
    "cardNumber": "4532-2468-1357-9024",
    "type": "credito",
    "issueDate": "2021-10-19",
    "expirationDate": "2026-10-19",
    "creditLimit": 35000.0,
    "status": "suspendida"
  }
]
```

Actualizar tarjeta (se actualizará el limite de crédito):

```
GET http://localhost:8080/api/cards/68c50d9c1973ef96da6206c6

Body
200 OK • 10 ms • 471 B
{
  "id": "68c50d9c1973ef96da6206c6",
  "clientId": "68c50b65609f7090f67e9620",
  "cardNumber": "5555-7890-1234-5678",
  "type": "credito",
  "issueDate": "2022-04-24",
  "expirationDate": "2027-04-24",
  "creditLimit": 60000.0,
  "status": "activa"
}
```

```
PUT http://localhost:8080/api/cards/68c50d9c1973ef96da6206c6

Body
200 OK • 24 ms • 472 B
{
  "id": "68c51d727c598d49a64d3f59",
  "clientId": "68c50b65609f7090f67e9620",
  "cardNumber": "5555-7890-1234-5678",
  "type": "credito",
  "issueDate": "2022-04-24",
  "expirationDate": "2027-04-24",
  "creditLimit": 100000.0,
  "status": "activa"
}
```

Eliminar tarjeta por ID:

The screenshot shows a REST client interface with the following details:

- Method:** DELETE
- URL:** http://localhost:8080/api/cards/68c50d9c1973ef96da6206c6
- Body Type:** raw
- Body Content:**

```
1 {  
2   "clientId": "68c50b65609f7090f67e9620",  
3   "cardNumber": "5555-7890-1234-5678",  
4   "type": "credito",  
5   "issueDate": "2022-04-24",  
6   "expirationDate": "2027-04-24",  
7   "creditLimit": 100000.00,  
8   "status": "activa"  
9 }
```
- Response:** 204 No Content, 14 ms, 201 B
- Body Tab:** Raw