Etapa 2
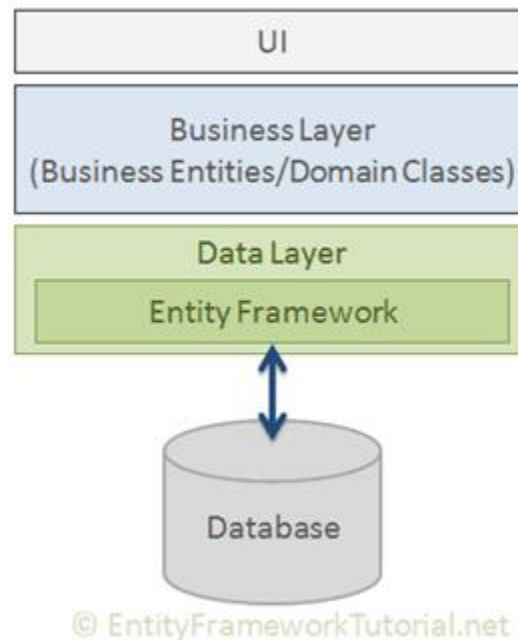
Entity Framework e CRUD

// API e Entity Framework

Introdução

O EF é um framework ORM (Object-Relational Mapping) criado para facilitar a integração com o banco de dados, mapeando tabelas e gerando comandos SQL de forma automática.
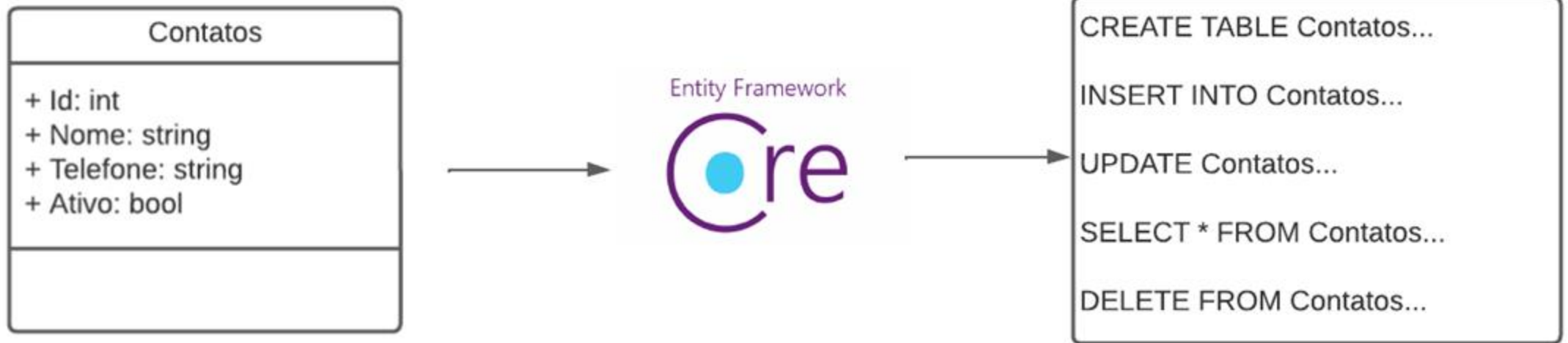

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CRUD

C - CREATE (Insert)

R - READ (Select)

U - UPDATE (Update)

D - DELETE (Delete)

CRUD

Verbos HTTP

HTTP Verb	CRUD	Entire Collection (e.g. /customers)	Specific Item (e.g. /customers/{id})
POST	Create	201 (Created), 'Location' header with link to /customers/{id} containing new ID.	404 (Not Found), 409 (Conflict) if resource already exists..
GET	Read	200 (OK), list of customers. Use pagination, sorting and filtering to navigate big lists.	200 (OK), single customer. 404 (Not Found), if ID not found or invalid.
PUT	Update/Replace	405 (Method Not Allowed), unless you want to update/replace every resource in the entire collection.	200 (OK) or 204 (No Content). 404 (Not Found), if ID not found or invalid.
PATCH	Update/Modify	405 (Method Not Allowed), unless you want to modify the collection itself.	200 (OK) or 204 (No Content). 404 (Not Found), if ID not found or invalid.
DELETE	Delete	405 (Method Not Allowed), unless you want to delete the whole collection—not often desirable.	200 (OK). 404 (Not Found), if ID not found or invalid.

Fonte: https://www.restapitutorial.com/lessons/httpmethods.html

Percurso

Etapa 1	~~Introdução as API's~~
Etapa 2	~~Entity Framework e CRUD~~
Etapa 3	**Frontend com MVC**