
What is Entity Framework Core?

Entity Framework Core (EF Core) is an open-source object-relational mapping (ORM) framework.

EF Core enables programmers to model SQL tables and the relationships between them using C# classes and objects. It also provides abstraction, where developers don't need to worry about the underlying database tables and columns where this data is stored.

C# Classes

```
class Employee {  
    int Id { get; set; }  
    string Name { get; set; }  
    Company Company { get;  
    ...  
}
```

SQL Tables

Employee		
Id	Name	CompanyId
1	Pam	19
2	Ian	45
3	Carla	19

```
class Company {  
    int Id { get; set; }  
    string Name { get; set; }  
}
```

Company	
Id	Name
19	Acme Co.
45	Widgets 'R' Us

Additional resources

- [Getting Started - EF Core | Microsoft Learn](#)