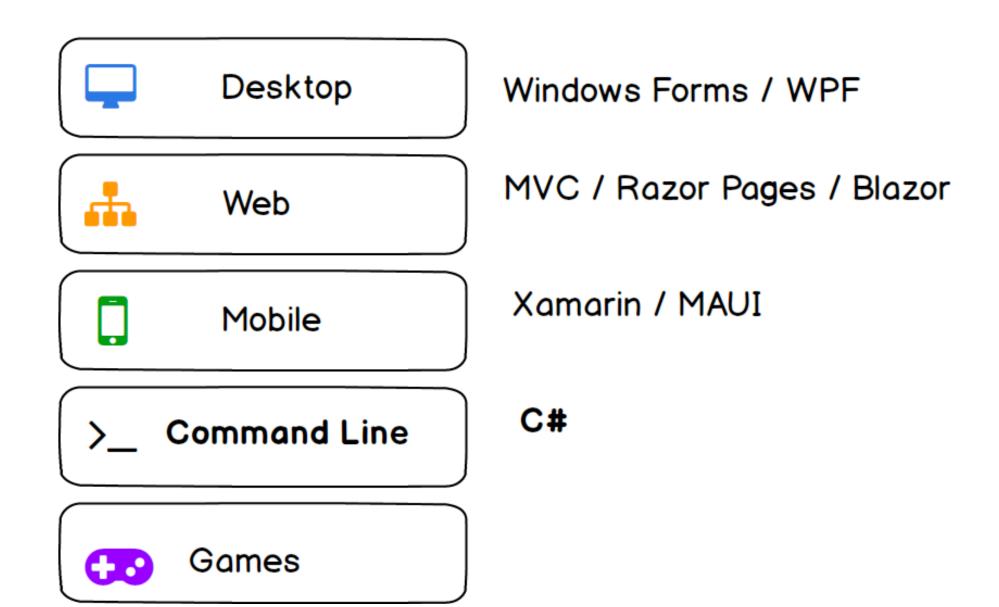
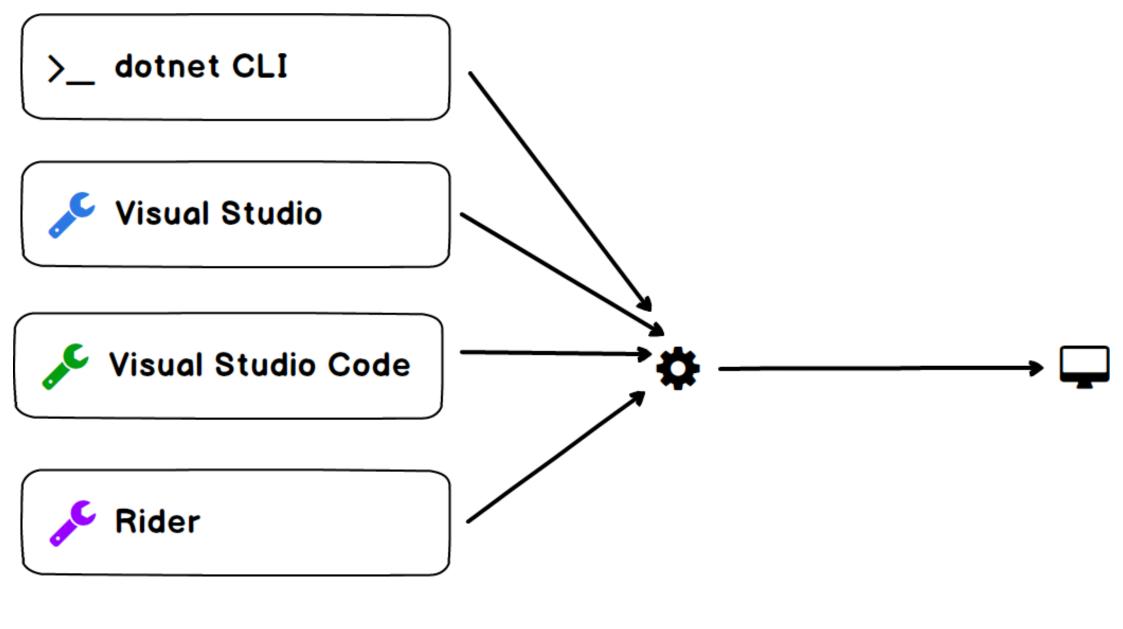
Język C#

Co mogę w nim zrobić?

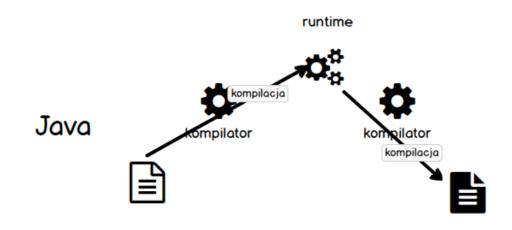




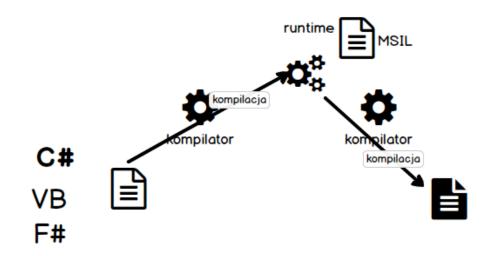


C++ / Pascal



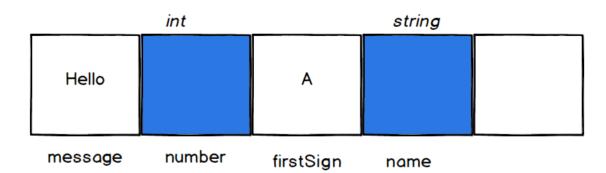


•••••



.NET Framework / .NET Core

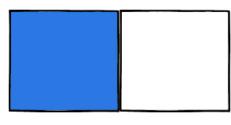
static typing (C#)



dynamic typing (JavaScript)

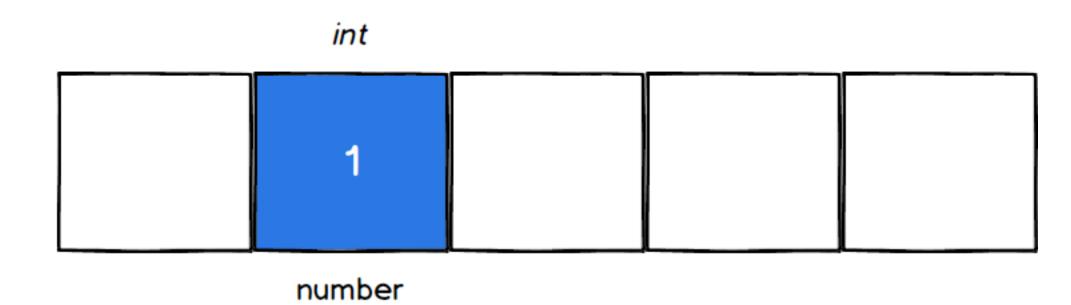
string / number

number



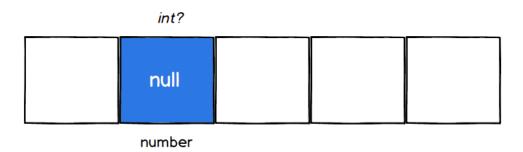
var number = 1;
number = "ABC";

Constants



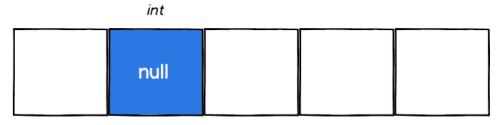
const int number = 1; number = 2; .

Nullable Value Types



int? number = null;

if (number.HasValue) ...



number

int number = null;

$$1 + 1 = 2$$

$$0 + 1 = 1$$

$$NULL + 1 = NULL$$

! NULL = NULL

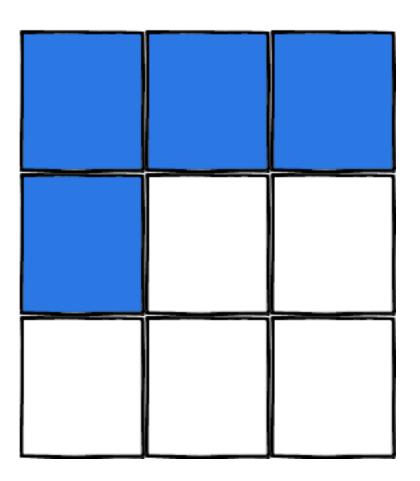
WHERE salary IS NULL

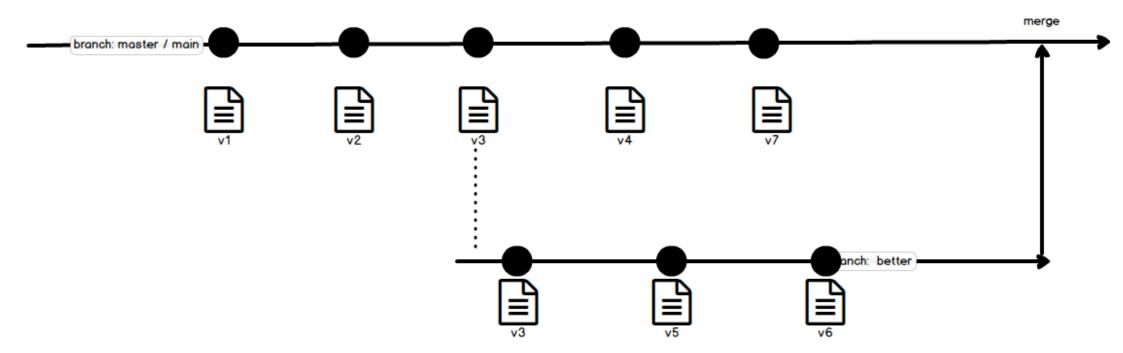
SQL: SELECT SUM(salary) FROM Employees

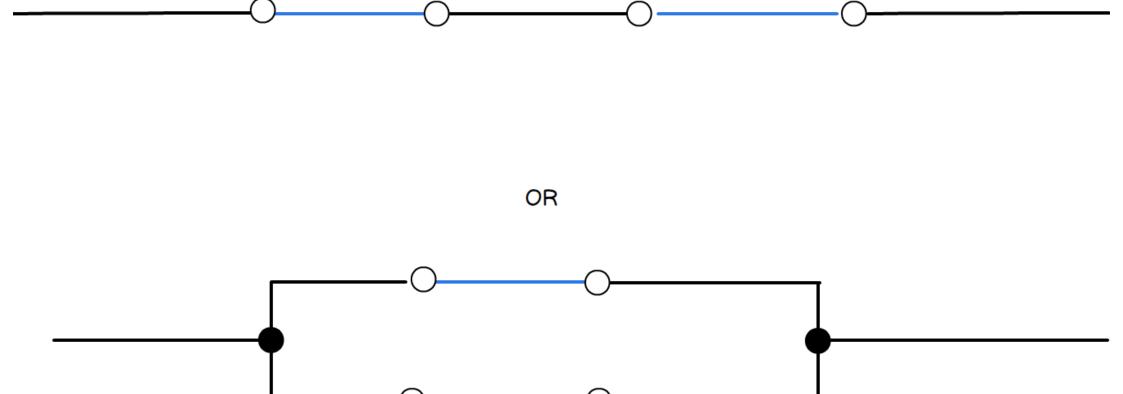
SQL: SELECT AVG(ISNULL(salary, 0)) FROM Employees

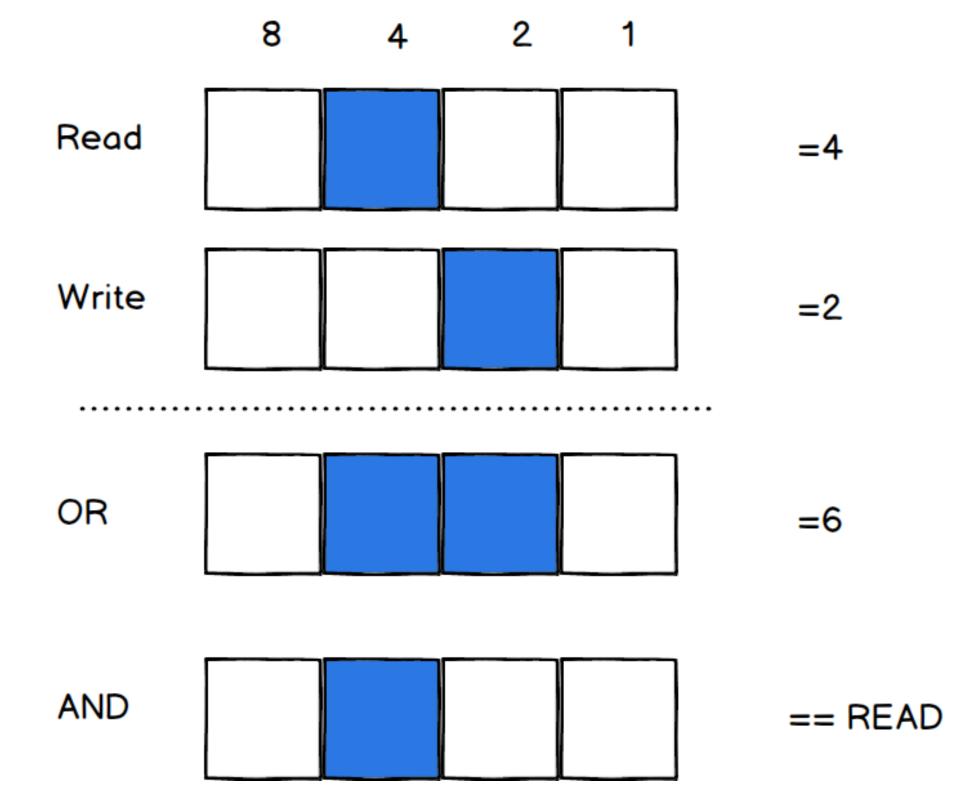
string[5] В index 2 3

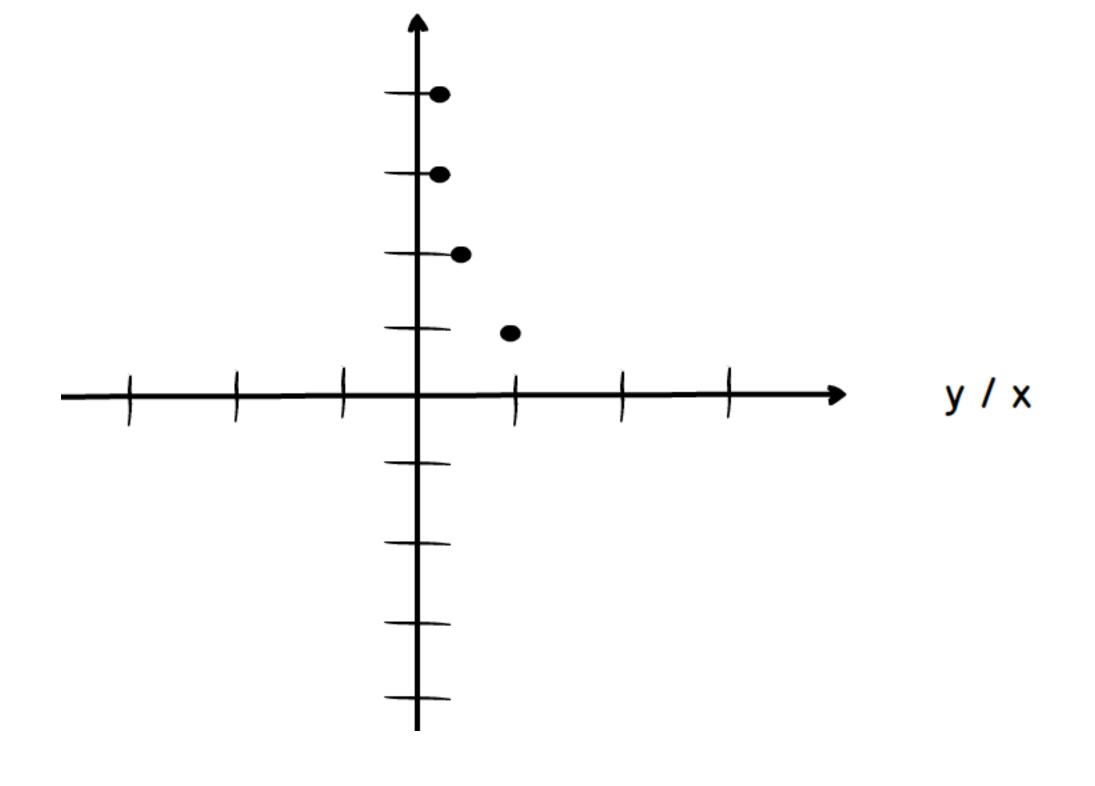
board[wiersz, kolumna]











Person

firstName

lastName

Display()

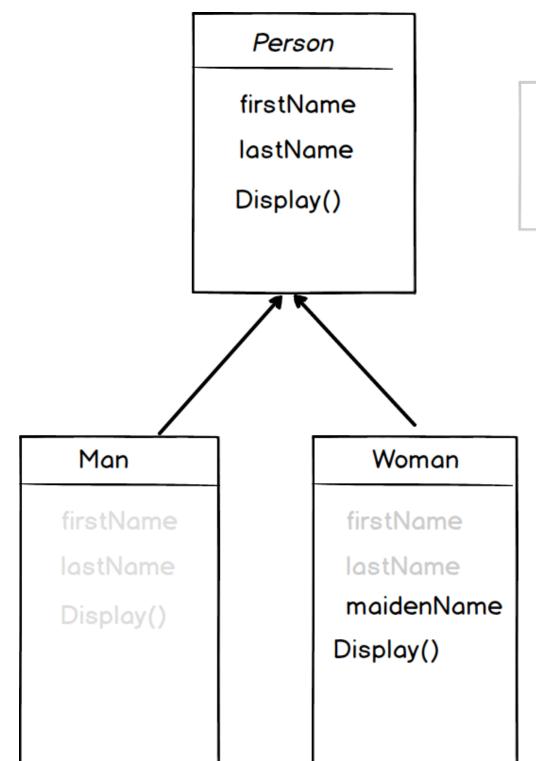
CalculateSalary()

```
Person person = new Person();

person.FirstName = "John";

person.LastName = "Smith";

person.Display();
```



Woman person = new Woman();
person.Display();

Person firstName **lastName** virtual Display() Man Woman firstName lastName

Display()

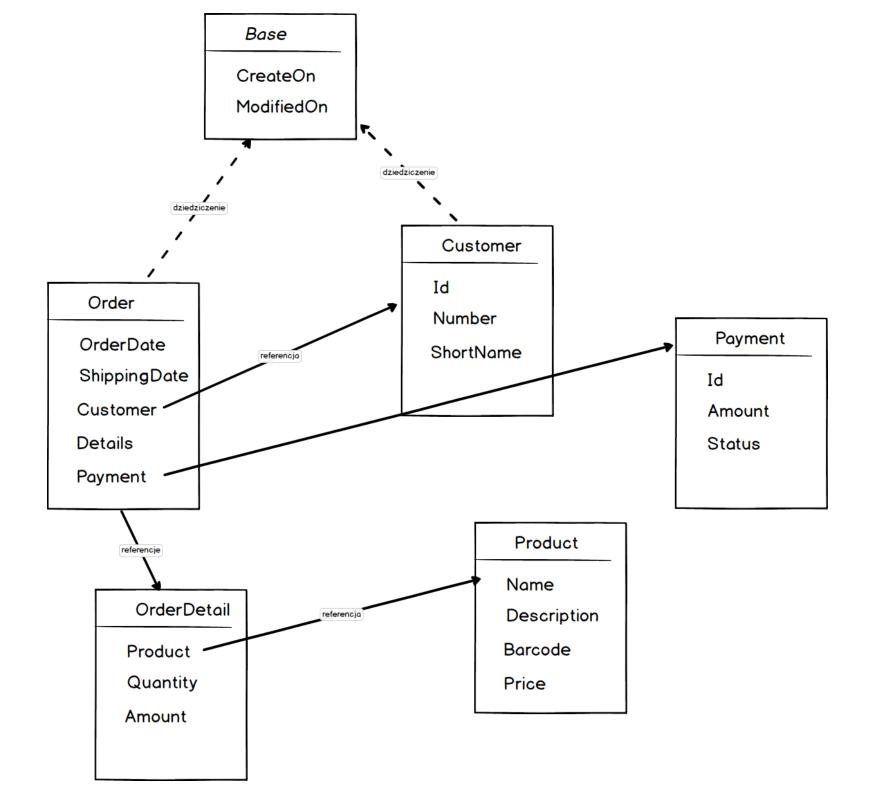
Person person = new Woman(); person.Display();

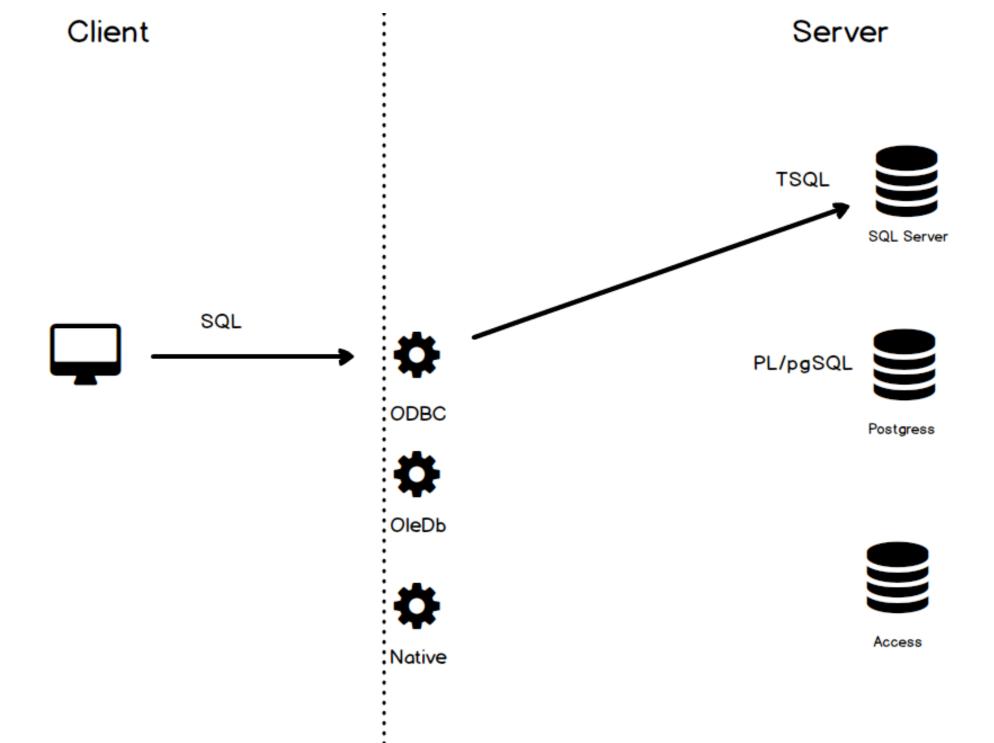
firstName

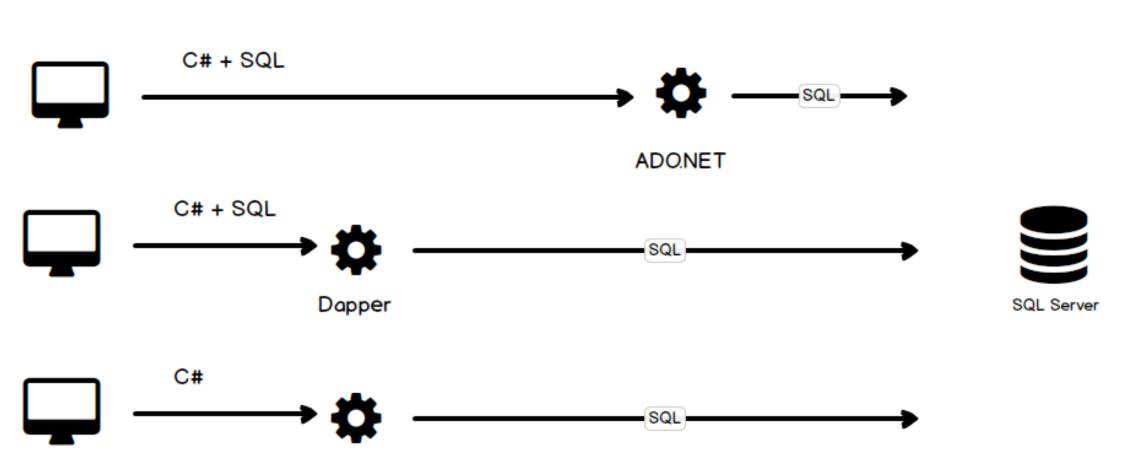
lastName

maidenName

overide Display()

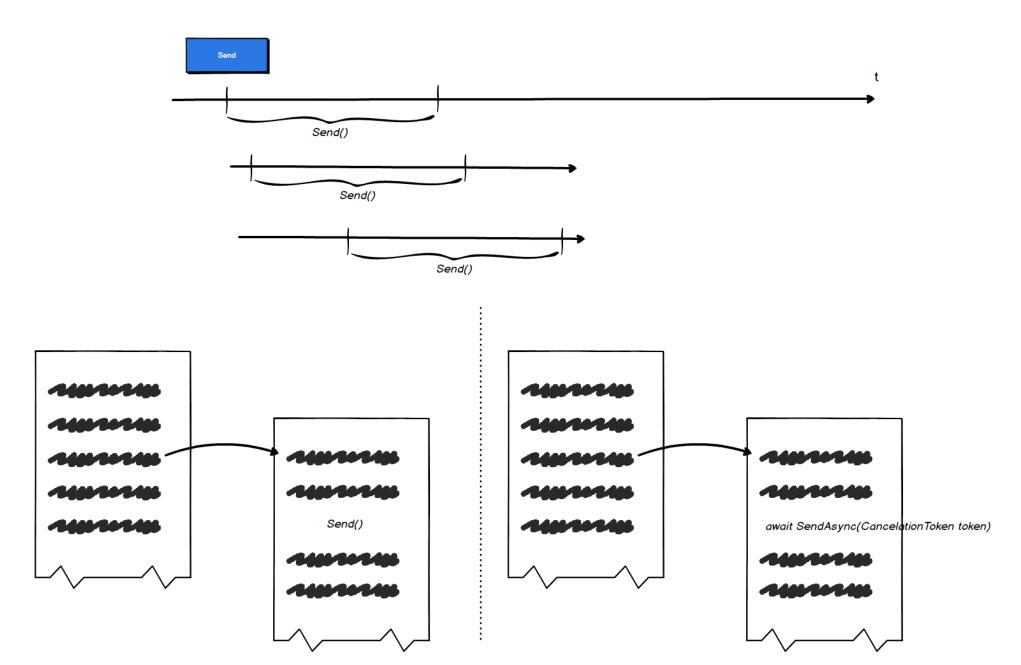




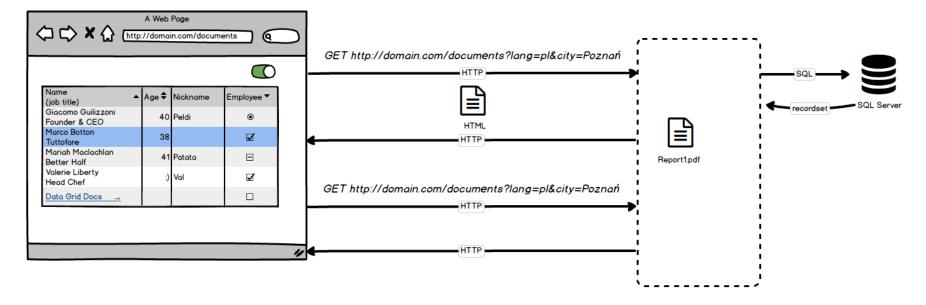


Entity Framework Core

Name (job title)	Age ‡	Nickname	Employee ▼
Giacomo Guilizzoni Founder & CEO	40	Peldi	•
Marco Botton Tuttofare	38		☑
Mariah Maclachlan Better Half	41	Patata	⊟
Valerie Liberty Head Chef	:)	Val	✓
Data Grid Docs →			



Server Side



ASP.NET Core MVC / Razor Pages

@Razor Syntax

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Client Side

