Именуване на идентификатори в кода

Always use English for naming identifiers

Трябва да избягваме съкращаването на наименуванията

Трябва да пишем имената на променливите достатъчно описателно, дори и да са сравнително дълги

Wrong: dtbgRegExPtrn

Correct: dateTimeBulgarianRegExPattern

Дали даден идентификатор е достатъчно показен за това какво прави конкретната променлива, клас и т.н. се определя от контекста, в който се намира променливата, класа и т.н. Т.е. :

Correct:

Generate() in the class LabyrinthGenerator

Find(string fileName) in the class FileFinder

Wrong:

Generate() in the class Program

Find(string name) in the class Program

Types in C# (classes, enumerations, interfaces):

Correct: RecursiveFactorialCalculator, IEnumerable, Color, XmlDocument

Wrong: recursiveFactorialCalculator, RECURSIVE\_FACTORIAL\_CALCULATOR

Use the following format:

- [Noun]

- [Adjective] + [Noun]

Examples:

Student, FileSystem, CheckBox, Constants

Correct: class called ReportGenerator

Wrong: class called GenerateReport

If there are a lot of constants (10 or more) they should be placed in a separate class

Interfaces (In C#):

- I + [Verb] + ‘able’

- I + [Noun]

- I + [Adjective] + [Noun]

Examples:

IEnumerable, IList, ICommandExecutor

Enums:

In C#:

enum Color { Red, Blue, White }

In JavaScript:

enum Color { RED, BLUE, WHITE }

Special classes:

Attribiutes:

Wrong: WebService

Correct: WebServiceAttribute

Collection classes:

Wrong: ListOfStrings, Strings

Correct: StringsCollection

Delegate classes:

Example: DownloadFineshedDelegate

Namespaces:

Correct: Microsoft.WinControls.GridView

Wrong: Microsoft\_WinControlsGridView

Naming files in JavaScript:

* There are “-“ between different words

Correct: jquery-1.8.2.min.js, widgets.js

Wrong: jQuery\_classes.js, Widgets.js, MyAjax.Library.js

Types’ names can be as long as we decide

When we have to name a group of things:

Correct: accounts, customers

Wrong: accountsList, customersList

Method names should consist of:

* [Verb]
* [Verb] + [Noun]
* [Verb] + [Adjective] + [Noun]

Boolean variables should be postive:

Correct: isPrime, customerFound, hasPendingPayment

At the end of counter variables there should be “Count”

Examples: ticketsCount, customersCount

State – there should be “State” at the end of the variable

Naming temporary variables:

Correct: oldValue

Wrong: temp

Naming constants:

In C# - in PascalCase

In JavaScript – in UPPER\_CASE