**PRESENTATION**

The present document will explain the why of use .Net Core on our application the advantages and problem, the better scenes for use it.

With .Net Core the most important advantage joins it with Docker, another growing technology.

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**.NET CORE**

Why & because use it

There 2 principal advantages which they are the main reasons it was built, .NET Core allow you build applications open-source and cross-platform framework for all operating system including Windows, Mac, and Linux, that mean if you need make an application run or one non-windows system, this is your best choice, and the other one is it was thinking for micro-services architecture so allow you connect much services and make them into containers for better compatibility between different architectures and language.

Of course if you have a little webapp/app/.. you will not see big different between this or .Net Framework, as I said before, it is thought for maintain scalability and compatibility on big projects as microservices and or for to work together with much other project.

**DOCKER**

Why & because use it

The main advantage of docker is the isolation, because you can make your application into containers and abstract them of Operative System, so for example you can build a container with .NET app and run it on Linux, also you can manage the environment to the need, its simil to VirtualMachine but you haven’t the troubles of configure resource of hardware, containers are scalable and another example it make containers of web app in NET Core abstracting OS and getting the main power of microservices architecture.

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