Distributed system

Q1:Why is distribute system important for us, especially for the a software development company and software design company?

為何分散式系統對我們來說很重要，尤其是軟體開發商

和軟體設計商?

To answer this question, I take at an another view, if we don’t have distributed system. What may happen?

If we don’t have distributed systems and save data into many different place, we will lost the data and can NOT store it once the accident occur.

I will discuss the importance of distributed system then dig in the knowledge about them.

Don’t think NOT backup will cause severe damage!!!

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It can make you feel painful once you lost your data.

I will example my painful experience. I hope it can make you NOT painful.

I still remember that I forgot to backup my Unity project into another folders.

After a few days, I upgrade my Window 10 to 11 and I can NOT use the old Unity Project.

Ouch, I had to do it again and it spent me at least half of one day.

The second most painful experience impressed me. It occurs at evening of last Friday.

At that time, I just want to clip the videos about chatGPT.

But I did NOT backup my added text into notepad. At that time, the Microsoft videoclopper was lagged so that I had to relaunch it three times. Since it does NOT auto-save simulateuously. Once I relauched it without save, I will miss some added text.

I wasted me lots of time on the added text.

Here, you should think that lost data can bring you lots of painful, don’t you?

I will discuss how to reduce your pain.

The simplest way is backup into many different folders or even different places.

~~That’s it. I was kidding you.~~

It is the core concept of distributed systems.

Distributed systems refers a concept of placing same data into many different places.

In the next notes, I will talk about what an awesome distributed system should be?