

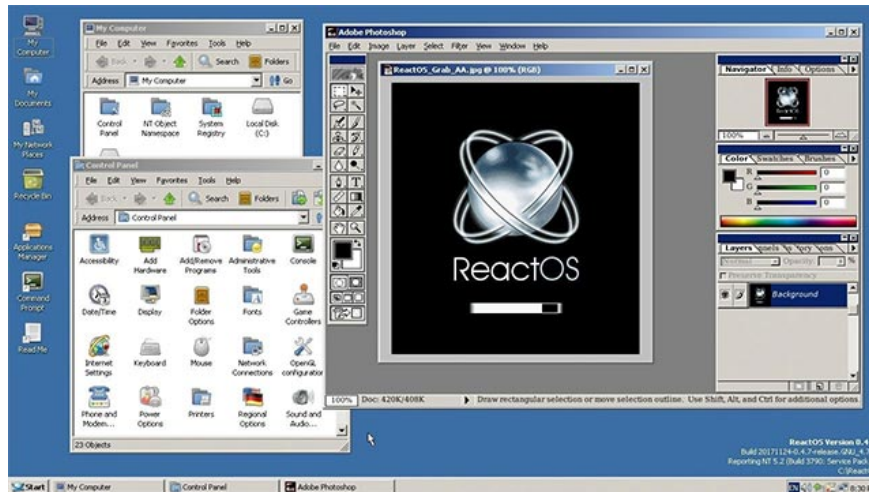
# ReactOS - 'an unauthorized copy of the Windows Research Kernel'

ReactOS is the perfect copy of the Windows Research Kernel that Microsoft once licensed to use in previous universities and educational institutions.

Axel Rietschin, a kernel development engineer at Microsoft, stated that ReactOS - an open source operating system with binary compatibility with Windows, is the perfect copy based on the Windows Research Kernel that Microsoft has each license to use in previous universities and educational institutions.

Axel Rietschin is currently a senior software engineer - Senior Software Engineer (Windows Base Kernel, Container Technologies) of Microsoft. In fact, this is not the first time he talked about this issue. Earlier in late 2017, Rietschin also gave some complaints regarding ReactOS's copy source, but at the time, this information did not seem to get much attention from the side. development community.

1. Zorin OS 15, a user-friendly version of Linux operating system, for those who are tired of Windows or Mac



*ReactOS operating system*

"I think it's a copy for the Windows Research Kernel that Microsoft has licensed to use in universities under an agreement. This agreement is clearly violated in many cases by code (code). Its content has been uploaded in many places, including GitHub. After considering the code tree of ReactOS and from personal opinion, Axel Rietschin argued that 'internal data structure and internal functions of the background This platform has not been publicly extracted, and owns the exact same name as if they had appeared in the Research Kernel'".

In his recent post, Rietschin presented additional arguments to the idea that ReactOS is a "clean room" implementation, which can be done without reference to the source code. "Macro names, parameters, etc. never appear in compiled code. It is almost certain that a "clean room" implementation will end up using macros for the same purpose, not to mention. Macro work has the same or similar names," explained the engineer.

#### 1. Everything you need to know about macOS Catalina

If you do not know, ReactOS is an open source operating system, designed to be used for x86 / x64 personal computers with binary compatibility ideas with computer programs and drivers written for Windows Server 2003. ReactOS is a long-standing project that began to develop in 1996 and is still in Alpha stage (the current version is 0.4.11).

The user interface as well as the overall interface of this operating system contribute to the era of domination of Windows XP. ReactOS looks quite similar to XP and its previous versions. The advantage of ReactOS is that it provides fast processing speed, supports almost all Windows applications, and most importantly, it is extremely small, only about 127MB.

Axel Rietschin suspects that ReactOS may be derived from one of the past code leaks. In 2006, a developer made a similar question, leading to an internal test of the ReactOS development team.

Steven Edwards, the developer responsible for the ReactOS project, claims that the operating system code must comply with "national standards (US) on reverse engineering". Edwards said his team will rewrite all code that did not comply with the standard, but the developer also said: "We do not prohibit developers from having access to leaked sources. contribute to ReactOS".

#### 1. 10 PC operating systems can replace Windows

Previously, Microsoft dominated the operating system world, the open-source ReactOS project was also more important than the present. Today, PC sales are almost saturated and Windows has no competition in the mobile market, Microsoft's orientation has changed. Redmond is now focusing more on cloud applications and services than Windows, making Axel Rietschin's statement even less important than it used to be.

With ReactOS, you can experience classic Windows without expensive. ReactOS is not illegal, meaning you can use it as a daily operating system without fear. You can download the ReactOS operating system from <https://reactos.org/>

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