

## **Runtime Errors**

**By [www.asknerd.net](http://www.asknerd.net)**

### **In this Article I'll Explain**

- **What Runtime Means**
- **What a Runtime Error Is**
- **How to Fix a Runtime Error**

### **The Lowdown on What the Term Runtime Refers To...**

( trust me, it's not that complicated )

Runtime is a term us tech nerds use to describe the execution of a program running on your computer from the time it loads to the time it stops running. For example, if you load your internet explorer, the runtime is from when you first ask the program to start to when you shut the program down or turn off your computer.

### **So What then is a Runtime Error You Might Ask ?**

As system errors go, runtime errors are the easiest to understand as Microsoft has assigned a numerical code system so software developers can quickly figure out what conflicts their applications are experiencing bugs over.

For example, a Runtime error with a number 7 code means that the program has run out of available memory to operate with. A runtime error with the code 53 means a file is missing in the program. To see a complete list of runtime errors and their definitions, I've put together a list which you can [see here](#).

### **What Causes Runtime Errors ?**

In most cases, runtime errors are actually problems in your Windows system rather than the program trying to operate and is subsequently causing the error message.

A common source of runtime errors is a corrupt registry which causes programs to malfunction. For example, the runtime error #7 which means a memory problem may not really have anything to do at all with a shortage of memory on your computer - rather it could be a problem resting in the file structure of your computer which causes your program to malfunction.

### **How to Trouble Shoot and Eliminate a Runtime Error.**

The good news is that there is an easy solution to eliminating most runtime errors. Programs such as Registry Mechanic by PC Tools or Registry Patrol from Patrol Software Labs that will run a series of trouble shooting diagnostic tests on your computer and not only identify any errors on your computer, but also fix them.

This is actually a pretty easy thing to do. What you want to do is download a reputable registry program such as Registry Patrol which is free to do and is the program I most recommend to my

clients.

To download the program, go to their website ([click here to visit](#)) and click on the green “ start registry scan now “ button. This will take you to their free download page where you can try out the program at no charge as well as run a full scan of your system to check for what is causing those error messages.

Depending on how many files your computer has on it, the scan will take anywhere from a few minutes to as long as 20 minutes to complete. Once the program is finished, it will report back to you about any errors it has found that are causing your computer to act funky.

Registry Patrol will check the entire file structure of your computer including file integrity, application extension problems ( how your programs interact with Windows when they run ) shared files, short cut issues and a host of other file sections that the average person could care less about just as long as their computer runs properly.

Once the program is done, you can then have it fix any problems it has found by simply clicking “ Fix the Problems “

There is a high degree of chance that any quality registry repair program will fix and eliminate those runtime issues you have been experiencing, and companies such as Registry Patrol offer guarantees with their programs to ensure that their program works or you don't have to pay anything.

*Editor's Note*

*AskNerd is not an affiliate for PC Tools or Registry Patrol and receives no commission for refering readers to their products.*

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