

## **isexist( *filepath* )**

The function returns FALSE if the specified filepath does not exist.

If the specified *filepath* exists, **isexist()** returns TRUE: either the string "**file**" or "**folder**", depending on whether it is a file or a directory.

The best thing about this function is that it stays within the boundaries of gawk—i.e., it does not execute any command-line operations but simply relies on getline and analyzes the result in the ERRNO. This makes **isexist()** extremely **light and fast, making it especially useful when working with the file system.**

The function performs a single read operation on the specified *filepath* and analyzes the contents of ERRNO in case of an error, determining whether the path refers to a file, a folder, or does not exist at all.

I assume that in certain operating systems, there may be variations in ERRNO values (for example, an error when reading a file because it is a folder may differ across systems). If anyone encounters such a case, feel free to send me a description, and I'll consider adding support.

**isexist()** does not depend on or modify any global variables or array contents.

The *filepath* parameter undergoes preliminary conversion, during which:

- All characters [`\x00\x09\x20`] at the beginning and end of *filepath* are removed.
  - All [`\`] characters (possibly surrounded by [`\x00\x09\x20`]) are converted to '/'.
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The **isexist.lib** library is available for download via GitHub:

[github.com/digics/isexist](https://github.com/digics/isexist)

Additionally, the example.awk file contains several usage examples of the **isexist()** function. This file is available for download on GitHub alongside the isexist.lib library file.

⚠ **ATTENTION!** Please read the instructions inside the example.awk file before running it.

That all folks! Any ideas? Contact me through github or mail:

[cosmogen@gmail.com](mailto:cosmogen@gmail.com)

Good luck!

best Regards,  
Denis Shirokov

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