

# Why do non-folders in my shell namespace extension show up in the folder tree view?

[devblogs.microsoft.com/oldnewthing/20100402-00](http://devblogs.microsoft.com/oldnewthing/20100402-00)

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A customer was having trouble with their shell namespace extension:

When we click the [+] button next to our shell namespace extension in the folder tree view, the tree view shows both files and folders, even though it's supposed to show only folders. Our `IShellFolder::GetAttributesOf` does return the correct values for `SFGAO_FOLDER` (including it for the folders and omitting it for the non-folders). What are we doing wrong?

The tree view enumerates the children of a folder by calling `IShellFolder::EnumObjects` and passing the `SHCONTF_FOLDERS` flag while omitting the `SHCONTF_NONFOLDERS` flag. This means that it is only interested in enumerating child folders. Child non-folders should be excluded from the enumeration. It so happens that the customer's shell namespace extension was not respecting the `SHCONTF_FOLDERS` and `SHCONTF_NONFOLDERS` flags; it always enumerated all objects regardless of what the caller requested.

Fixing the enumerator fixed the problem.

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