

Nasty gotcha: VarCmp vs VariantCompare

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There are two functions for comparing `VARIANT` s. One comes from the COM team, called `VarCmp` . Assuming a successful comparison, it returns

Comparison	Return value
Less than	0 = <code>VARCMP_LT</code>
Equal to	1 = <code>VARCMP_EQ</code>
Greater than	2 = <code>VARCMP_GT</code>

This is consistent with the other `VarXxx` functions.

On the other hand, the `VariantCompare` function comes from the shell, and it returns

Comparison	Return value
Less than	-1
Equal to	0
Greater than	+1

Yuck.

So be careful which one you're calling and how you're testing the result.

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