

# What do the output values from CoGetApartmentType mean?



Raymond Chen

The [CoGetApartmentType function](#) returns two pieces of information, documented as follows:

- [APPTYPE](#) enumeration value that specifies the type of the current apartment.
- [APPTYPEQUALIFIER](#) enumeration value that specifies the type qualifier of the current apartment.

The possible combinations can be deduced from the documentation for [APPTYPE-QUALIFIER](#) , but here they are in table form because people like tables.

Apartment Type	Qualifier	Meaning
STA	NONE	Single-threaded apartment
STA	APPLICATION_STA	Non-reentrant single-threaded apartment
MAINSTA	NONE	Main single-threaded apartment
MTA	NONE	Multithreaded apartment, explicitly initialized
MTA	IMPLICIT	Multithreaded apartment, implicitly initialized
NA	NA_ON_STA	Neutral apartment entered on STA thread
NA	NA_ON_MAINSTA	Neutral apartment entered on main STA thread
NA	NA_ON_MTA	Neutral apartment entered on explicit MTA thread
NA	NA_ON_IMPLICIT_MTA	Neutral apartment entered on implicit MTA thread

More details can be found in [the documentation for APTTYPEQUALIFIER](#).

[Raymond Chen](#)

**Follow**

