

Enum(Enumeration)

Enumerations offer an easy way to work with sets of related constants.

An enumeration, or Enum, is a symbolic name for a set of values. Enumerations are treated as data types, and you can use them to create sets of constants for use with variables and properties.

Benefits of using Enumerations

Whenever a procedure accepts a limited set of variables, consider using an enumeration. Enumerations make for clearer and more readable code, particularly when meaningful names are used.

When to Use an Enumeration

1. Reduces errors caused by transposing or mistyping numbers.
2. Makes it easy to change values in the future.
3. Makes code easier to read, which means it is less likely that errors will creep into it.
4. Ensures forward compatibility. With enumerations, your code is less likely to fail if in the future someone changes the values corresponding to the member names.

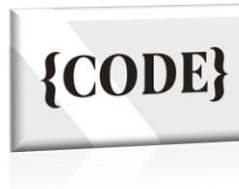


YouTube Link:



<https://www.youtube.com/embed/xyg7Hkis9y0>

Solidity Source File



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Bibliography/References

<https://learn.microsoft.com/en-us/dotnet/visual-basic/programming-guide/language-features/constants-enums/when-to-use-an-enumeration>

