Enumerations of Built-In Megaladata Entities

The JavaScript code execution context provides built-in enumerations describing the metadata of fields and variables.

Description of enumerations

DataType

Represents Megaladata data types. Includes the following items:

Item	Value	Data type
None	0	No data type specified
Boolean	1	Logical
DateTime	2	Date/time
Float	3	Real
Integer	4	Integer
String	5	String
Variant	6	Variant

DataKind

Represents Megaladata data kinds. Includes the following items:

Item	Value	Data kind
Undefined	0	No data kind defined
Continuous	1	Continuous
Discrete	2	Discrete

UsageType

Represents Megaladata field usage types. Includes the following items:

Item	Value	Field usage type
Unspecified	0	No usage type specified
Excluded	1	Excluded
Useless	2	Useless
Active	3	Active
Predicted	4	Predicted
Key	5	Key
Group	6	Group
Value	7	Value
Transaction	8	Transaction
Item	9	Item

Examples:

```
import { OutputTable, DataType, UsageType } from "builtIn/Data";

let col0 = OutputTable.Columns[0];
// Checking the value of an "enumeration" property
if (col0.DataType == DataType.String) {
    // Necessary operations
}

// Ouputting a numeric representation of the enumeration value
console.log(col0.DefaultUsageType);
// Outputting a string representation of the enumeration value
console.log(UsageType[col0.DefaultUsageType]);
```

Read on: JS Calculator Functions