

# Array Data Type

An **array** is a list of values grouped into a single value. An array may be of variable length; in one record the array field may contain two elements, while in the next record, it contains six elements.

Arrays must be wrapped in square brackets; parentheses are not supported.

The maximum size of an Object is determined by the maximum size of a cell's value in the data grid. For more information, see *Data Grid Panel*.

## Examples:

```
[ "123", "456", "789" ]  
[ "Hello", "Goodbye" ]  
[ "abc", "2" ]  
[ "abc", "3" ]  
[ "A", [ "B", "C" ], "D" ]
```

**Ragged arrays:** The above arrays are collectively a set of ragged arrays. The number of elements in each array varies. When arrays are ragged, some array functions may return null or empty values.

**Nested arrays:** The last example above is a nested array, in which one array is nested inside of another.

**NOTE:** The `\n` and `\t` escaped characters are supported in inputs for this data type. For more information, see *Supported Special Regular Expression Characters*.