

# Numeric Array

```
Array
(
    [0] => 100
    [1] => 200
    [2] => 300
    [3] => 400
)

<?xml version="1.0"?>
<response type="array">
  <numeric-key type="integer">100</numeric-key>
  <numeric-key type="integer">200</numeric-key>
  <numeric-key type="integer">300</numeric-key>
  <numeric-key type="integer">400</numeric-key>
</response>
```

# Explicit Numeric-Keyed Assoc Array

```
Array
(
    [4] => 100
    [3] => 200
    [2] => 300
    [1] => 400
)

<?xml version="1.0"?>
<response type="array">
  <numeric-key key="4" type="integer">100</numeric-key>
  <numeric-key key="3" type="integer">200</numeric-key>
  <numeric-key key="2" type="integer">300</numeric-key>
  <numeric-key key="1" type="integer">400</numeric-key>
</response>
```

# Associative Array

```
Array
(
    [apple] => Green
    [orange] => Orange
    [sky] => Blue
)

<?xml version="1.0"?>
<response type="array">
  <apple type="string">Green</apple>
  <orange type="string">Orange</orange>
  <sky type="string">Blue</sky>
</response>
```

# Mixed Associative-Numeric Array

```
Array
(
    [0] => apple
    [1] => orange
    [2] => strawberry
    [best] => pineapple
    [worst] => tomato
)

<?xml version="1.0"?>
<response type="array">
  <apple/>
  <orange/>
  <strawberry/>
  <best type="string">pineapple</best>
  <worst type="string">tomato</worst>
</response>
```

# Numeric Array with Sub-Values

```
Array
(
    [0] => Array
        (
            [0] => apple
            [1] => orange
        )

    [1] => Array
        (
            [0] => strawberry
            [1] => gooseberry
        )

    [2] => other
    [3] => other
    [4] => other
)

<?xml version="1.0"?>
<response type="array">
  <numeric-key type="array">
    <apple/>
    <orange/>
  </numeric-key>
  <numeric-key type="array">
    <strawberry/>
    <gooseberry/>
  </numeric-key>
  <other/>
  <other/>
  <other/>
</response>
```

# Assoc Array with Sub-Values

```
Array
(
    [fruit] => Array
        (
            [0] => apple
            [1] => orange
            [2] => strawberry
        )

    [veg] => Array
        (
            [0] => turnip
            [1] => carrot
            [2] => potato
        )
)

<?xml version="1.0"?>
<response type="array">
  <fruit type="array">
    <apple/>
    <orange/>
    <strawberry/>
  </fruit>
  <veg type="array">
    <turnip/>
    <carrot/>
    <potato/>
  </veg>
</response>
```

# Complex Example

```
Array
(
    [ingredients] => Array
        (
            [fruit] => Array
                (
                    [strawberry] => Array
                        (
                            [weight] => Array
                                (
                                    [value] => 50
                                    [unit] => g
                                )

                            [votes] => Array
                                (
                                    [0] => 1
                                    [1] => 6
                                    [2] => 7
                                    [3] => 3
                                    [4] => 7
                                )

                            [recipes] => Array
                                (
                                    [0] => Jam
                                    [1] => Something else ; )
                                )
                        )

                    [apple] => Array
                        (
                            [weight] => Array
                                (
                                    [value] => 400
                                    [unit] => g
                                )

                            [votes] => Array
                                (
                                    [0] => 3
                                    [1] => 7
                                    [2] => 3
                                    [3] => 8
                                    [4] => 3
                                )

                            [recipes] => Array
                                (
                                    [0] => Jam
                                    [1] => Something else ; )
                                )
                        )
                )
        )

    [people] => Array
        (
            [john] => John Dunbar
            [7] => Unknown 7
            [mikec] => Michael Collier
            [78] => Unknown 78
            [jd] => Jay Dee
            [89] => element-write-now
            [12] => _write-now-yes
            [98] => _-writeok
        )
)

<?xml version="1.0"?>
<response type="array">
  <ingredients type="array">
    <fruit type="array">
      <strawberry type="array">
        <weight type="array">
          <value type="integer">50</value>
          <unit type="string">g</unit>
        </weight>
        <votes type="array">
          <numeric-key type="integer">1</numeric-key>
          <numeric-key type="integer">6</numeric-key>
          <numeric-key type="integer">7</numeric-key>
          <numeric-key type="integer">3</numeric-key>
          <numeric-key type="integer">7</numeric-key>
        </votes>
        <recipes type="array">
          <Jam/>
          <numeric-key type="string">Something else ; )</numeric-key>
        </recipes>
      </strawberry>
      <apple type="array">
        <weight type="array">
          <value type="integer">400</value>
          <unit type="string">g</unit>
        </weight>
        <votes type="array">
          <numeric-key type="integer">3</numeric-key>
          <numeric-key type="integer">7</numeric-key>
          <numeric-key type="integer">3</numeric-key>
          <numeric-key type="integer">8</numeric-key>
          <numeric-key type="integer">3</numeric-key>
        </votes>
        <recipes type="array">
          <Jam/>
          <numeric-key type="string">Something else ; )</numeric-key>
        </recipes>
      </apple>
    </fruit>
  </ingredients>
  <people type="array">
    <john type="string">John Dunbar</john>
    <numeric-key key="7" type="string">Unknown 7</numeric-key>
    <mikec type="string">Michael Collier</mikec>
    <numeric-key key="78" type="string">Unknown 78</numeric-key>
    <jd type="string">Jay Dee</jd>
    <element-write-now/>
    <_write-now-yes/>
    <_-writeok/>
  </people>
</response>
```