

EXTRACT THE XML USING PHP:

XML FILE:

```
<?xml version="1.0" encoding="UTF-8"?>
<artToolsCollection>
  <tool>
    <name>Paintbrush</name>
    <type>Brush</type>
    <price>5.0</price>
  </tool>
  <tool>
    <name>Sketchbook</name>
    <type>Paper</type>
    <price>10.0</price>
  </tool>
  <tool>
    <name>Acrylic Paint</name>
    <type>Paint</type>
    <price>15.0</price>
  </tool>
</artToolsCollection>
```

PHP FILE:

```
<?php
// Step 1: Load the XML file
$xml = simplexml_load_file('art_tools.xml') or die("Error: Cannot create object");

// Step 2: Access the data
echo "<h1>Art Tools Collection</h1>";
echo "<ul>";
foreach ($xml->tool as $tool) {
  echo "<li>";
  echo "<strong>Name:</strong> " . $tool->name . "<br>";
  echo "<strong>Type:</strong> " . $tool->type . "<br>";
  echo "<strong>Price:</strong> $" . $tool->price . "<br>";
  echo "</li><br>";
}
echo "</ul>";
```

?>

TO EXTRACT DATA:

PHP:

```
<?php
```

```
// Step 1: Load the XML file
```

```
$xml = simplexml_load_file('art_tools.xml') or die("Error: Cannot create object");
```

```
// Step 2: Register the namespace (assuming the namespace URL is
```

```
'http://www.example.com/arttools')
```

```
$xml->registerXPathNamespace('ns', 'http://www.example.com/arttools');
```

```
// Step 3: Access the data
```

```
foreach ($xml->xpath('//ns:tool') as $tool) {
```

```
    echo "<strong>Name:</strong> " . $tool->name . "<br>";
```

```
    echo "<strong>Type:</strong> " . $tool->type . "<br>";
```

```
    echo "<strong>Price:</strong> $" . $tool->price . "<br>";
```

```
}
```

```
?>
```