

EXTRACT THE XML USING PHP:

XML FILE:

```
<?xml version="1.0" encoding="UTF-8"?>
<homeAppliances>
  <appliance>
    <name>Washing Machine</name>
    <brand>Samsung</brand>
    <price>400</price>
  </appliance>
  <appliance>
    <name>Refrigerator</name>
    <brand>LG</brand>
    <price>700</price>
  </appliance>
  <appliance>
    <name>Microwave</name>
    <brand>Panasonic</brand>
    <price>150</price>
  </appliance>
</homeAppliances>
```

PHP FILE:

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

// Step 2: Access the data
echo "<h1>Home Appliances List</h1>";
echo "<ul>";
foreach ($xml->appliance as $appliance) {
    echo "<li>";
    echo "<strong>Name:</strong> " . $appliance->name . "<br>";
    echo "<strong>Brand:</strong> " . $appliance->brand . "<br>";
    echo "<strong>Price:</strong> $" . $appliance->price . "<br>";
    echo "</li><br>";
}
echo "</ul>";
```

?>

TO EXTRACT DATA:

PHP:

```
<?php
```

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

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

```
// Step 2: Register the namespace
```

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

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

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

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

```
    echo "<strong>Brand:</strong> " . $appliance->brand . "<br>";
```

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

```
}
```

```
?>
```