

# PHP - XML

XML (eXtensible Markup Language) is a data format for structured document interchange on the Web. It is a standard defined by The World Wide Web consortium (W3C).

## Simple XML File

```
<books>
  <book>
    <title>PHP Programming Ebook</title>
    <characters>
      <character>
        <name>Tutorials Studio</name>
        <desc>A Great Book</desc>
      </character>
    </characters>
  </book>
</books>
```

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### PHP XML Functions List

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## Example

### XML File

```
<building_data>
<building address="some address" lat="28.902914" lng="-71.007235" />
<building address="some address" lat="48.892342" lng="-75.0423423" />
<building address="some address" lat="58.929753" lng="-79.1236987" />
</building_data>
```

### PHP File

```
<?php

$reader = new XMLReader();
if (!$reader->open("data.xml"))
{
    die("Failed to open 'data.xml'");
}
while($reader->read())
{
    $node = $reader->expand();
    // process $node...
}
$reader->close();
```

?>