

Working with XML

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pluralsight 
hardcore developer training

GPS and Weather Combiner

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- **Work with XML files**

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- **Consume JSON data from a REST service**

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- **Work with XML files**
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- **Interact with native Java libraries**
- **Work with Groovy's dependency management scheme**
- **Explore unit testing in Groovy**

GPX

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- An XML format for exchange GPS data

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- Open format

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- **Widely supported in the industry**

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- Widely supported in the industry
- More information available at www.topografix.com/gpx.asp

GPX

```
<? xml version="1.0" standalone="yes"?>
<gpx>
  <name><![CDATA[Caperton Trail]]></name>
  <description><![CDATA[Great Bike Loop]]></description>
  . . .
  <wpt></wpt>
  . . .
  <rte>
    <rtept></rtept>
    . . .
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</gpx>
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- DOMCategory

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- **DOMCategory**
 - Low-level access to Java's DOM API

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- **MarkupBuilder**

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 - Simple XML creation

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- **StreamingMarkupBuilder**

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- Groovy brings new options for both low and high level processing of XML
- Reading and writing of XML is made easier due to Groovy's dynamicity