AJAX RSS Reader

With RSS it is possible to distribute up-to-date web content from one web site to thousands of other web sites around the world.

- RSS stands for *Really Simple Syndication*.
- RSS allows you to syndicate your site content.
- RSS defines an easy way to share and view headlines and content.
- RSS files can be automatically updated.
- RSS allows personalized views for different sites.
- RSS is written in XML, e.g., the BBC RSS in text and XML.

An RSS Reader is used to read RSS Feeds. The example demonstrates an RSS reader, where the RSS-feed is loaded into a webpage without reloading:

Select an RSS-feed: ▼

RSS-feed will be listed here...

Other than the RSS files from companies, this example consists of three files:

- a client-side simple HTML form,
- a client-side JavaScript file showRSS.js, and
- a server-side PHP file getRSS.php.

The HTML Form

It contains a simple HTML form and a link to a JavaScript file. When a user selects an RSS-feed in the dropdown list above, a function called showRSS is executed. The function is triggered by the onChange event:

```html
01  <html>
02    <head><script src="showRSS.js"></script></head>
03    <body><form>
04      <select onChange="showRSS(this.value)">
05        <option value="">Select an RSS-feed:</option>
06        <option value="Google">Google News</option>
07        <option value="MSNBC">MSNBC News</option>
08        ...
09      </select>
10      <div id="rssOutput">RSS-feed will be listed here...</div>
11    </form></body>
12  </html>
```

Slide 16.15: AJAX live search: The PHP file
Slide 16.17: AJAX RSS reader: The JavaScript file
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