d help understanding the steps involved in converting an XML file into a CSV file using java. Here is an example of an XML file

<?xml version="1.0"?>

<Sites>

<Site id="101" name="NY-01" location="New York">

<Hosts>

<Host id="1001">

<Host\_Name>srv001001</Host\_Name>

<IP\_address>10.1.2.3</IP\_address>

<OS>Windows</OS>

<Load\_avg\_1min>1.3</Load\_avg\_1min>

<Load\_avg\_5min>2.5</Load\_avg\_5min>

<Load\_avg\_15min>1.2</Load\_avg\_15min>

</Host>

<Host id="1002">

<Host\_Name>srv001002</Host\_Name>

<IP\_address>10.1.2.4</IP\_address>

<OS>Linux</OS>

<Load\_avg\_1min>1.4</Load\_avg\_1min>

<Load\_avg\_5min>2.5</Load\_avg\_5min>

<Load\_avg\_15min>1.2</Load\_avg\_15min>

</Host>

<Host id="1003">

<Host\_Name>srv001003</Host\_Name>

<IP\_address>10.1.2.5</IP\_address>

<OS>Linux</OS>

<Load\_avg\_1min>3.3</Load\_avg\_1min>

<Load\_avg\_5min>1.6</Load\_avg\_5min>

<Load\_avg\_15min>1.8</Load\_avg\_15min>

</Host>

<Host id="1004">

<Host\_Name>srv001004</Host\_Name>

<IP\_address>10.1.2.6</IP\_address>

<OS>Linux</OS>

<Load\_avg\_1min>2.3</Load\_avg\_1min>

<Load\_avg\_5min>4.5</Load\_avg\_5min>

<Load\_avg\_15min>4.2</Load\_avg\_15min>

</Host>

</Hosts>

</Site>

</Sites>

and here is the resulting CSV file.

site\_id, site\_name, site\_location, host\_id, host\_name, ip\_address, operative\_system, load\_avg\_1min, load\_avg\_5min, load\_avg\_15min

101, NY-01, New York, 1001, srv001001, 10.1.2.3, Windows, 1.3, 2.5, 1.2

101, NY-01, New York, 1002, srv001002, 10.1.2.4, Linux, 1.4, 2.5, 1.2

101, NY-01, New York, 1003, srv001003, 10.1.2.5, Linux, 3.3, 1.6, 1.8

101, NY-01, New York, 1004, srv001004, 10.1.2.6, Linux, 2.3, 4.5, 4.2

**XML reference**

**https://www.inf.unibz.it/~nutt/Teaching/XMLDM1112/**