

Systems for Design and Implementation

Lecture 2

Outline

- XML processing

XML (EXtensible Markup Language) processing

- store and transport data
- human and machine readable

Well formed XML: start+end tag, self-closing tag, quotes or apostrophes for attribute values, no tag overlap, case sensitive, compliant with the declared character encoding

Valid XML: DTD, XML Schema, RELAX NG

Java XML API

```
javax.xml.parsers  
org.w3c.dom  
org.xml.sax  
javax.xml.transform
```

DOM, SAX

[xml](#)
[xmldomdiagram](#)