Exercises Werner Nutt

4. XML Schema (1)

This sheet contains an exercise about XML Schema.

1. Transforming a DTD into an XML Schema¹

Consider the following DTD specifying the format of documents with information about juicers, that is, devices to obtain juice from fruit:

Convert this DTD into an equivalent XML schema. Do a straight one-to-one conversion (i.e., in the DTD where the elements are declared to contain #PCDATA declare the corresponding element in the XML schema to be of type string). Once you have the schema completed, validate it. Then modify the document juicers.xml to indicate that it conforms to your schema. Finally, validate the instance document against your schema.

Hint: Use Eclipse to create your XML schema.

¹This is Lab 1 of the XML Schema tutorial by Roger L. Costello, http://www.xfront.com/xml-schema.html