BNML eContracts Readme

Contents of this package

This package contains the BNML eContracts schema and associated files which is a subset of the BNML Standard Schema. The BNML Standard Schema may be freely downloaded from www.elkera.com under the terms of the BNML Schema Public Licence.This package contains the following folders and files:

```
/BNML eContracts

    /RelaxNG - the normative version of BNML eContracts

    /XMLSchema - an XSD version of BNML eContracts

    /DTD - a DTD version of BNML eContracts

    /Samples - a number of BNML eContracts sample documents

    /Demo - a BNML customisation demonstration

    /Documentation - BNML eContracts documentation
```

The RelaxNG folder contains the normative version of BNML eContracts in RelaxNG compact syntax. A good tutorial for this syntax can be found at http://www.relaxng.org/compact-tutorial-20030326.html#id2814005.

The files in the XMLSchema folder are automatically generated from the RelaxNG version using TRANG. TRANG is available from http://www.thaiopensource.com/relaxng/trang.html.

The DTD version of BNML eContracts is provided to help readers easily understand the Schema. The DTD version does not contain some features that are provided by the RelaxNG version and must not be used as the normative source. The DTD has not been set up with parameter entities and is not suitable development purposes.

Customization of BNML standard is described in the *Guide to BNML Schema configuration*, located in the `/Documentation` folder.

The following section describes the files that make up the RelaxNG version of BNML eContracts.

BNML eContracts files

Overview

The BNML eContracts Schema consists of 4 BNML specific files from BNML Standard, 1 BNML eContracts specific file and 2 files that incorporate external features into the application. The bnml-s-eContracts.rnc is the main file which includes all of the other files:

```
/BNML eContracts

    /RelaxNG

        bnml-s-eContracts.rnc
        bnml-document.rnc
        bnml-contract.rnc
        bnml-core.rnc
        bnml-structure.rnc
        dc-metadata.rnc
        xi-include.rnc
```

The purpose of each of these files is described in the following sections.

bnml-s-eContracts.rnc

This is the umbrella file that defines the BNML eContracts schema. This file is based on bnml-standard.rnc.

This file contains statements to include all other files that make up the schema. Customization of BNML standard is described in the *Guide to BNML Schema configuration* which is included in the schema package. A demonstration customization is found in the `/Demo` directory.

bnml-document.rnc

This file defines a BNML document type of *document*, as well as other elements that are specific to this document type.

bnml-contract.rnc

This file defines a BNML document type of *contract*, as well as other elements that are specific to this document type.

bnml-correspondence.rnc

This file defines a BNML document type of *correspondence*, as well as other elements that are specific to this document type.

bnml-core.rnc

This file contains the core patterns and elements that define the BNML Schema family which are used as the base of BNML Standard. These core patterns can be used to create the basic structures that occur in many narrative documents. These patterns are used in all BNML document types.

bnml-structure.rnc

This file contains a number of shared elements that are not considered part of BNML core. They define application specific high level document structures that are used in the 3 basic BNML Standard document types. These elements use the patterns found in BNML core. Specific customizations may create new document types that incorporate the BNML core patterns without using these structures.

dc-metadata.rnc

This file provides elements from the Dublin Core metadata set. This is used to incorporate a number of basic metadata elements into BNML Standard.

xi-include.rnc

This file provides the xi:include element, which is defined by the World Wide Web Consortium XML Inclusions recommendation. This is used in BNML Standard to provide for content re-use applications. A full description of this element can be found at http://www.w3.org/TR/2004/PR-xinclude-20040930.