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Gray, N. & L. Chowdhury (2006) CIF Schema Architecture (Survey  
Information Processing (SIP) Project). Queensland Department  
of Natural Resources, Mines and Water (NRW).

HPA (2006) Big E Project (Draft Business Case).  
NSW Department of Lands.

Keenan, N. (2007) NSW Jurisdictional XML Schema Development  
for ePlan / LandXML (Project Statement).

<http://www.lands.nsw.gov.au>

<http://www.ajilon.com.au/index.html>

NSW Lands (2007) NSW Lands - ePlan.

NSW Department of Lands.

[http://www.lands.nsw.gov.au/land\\_titles/eplan](http://www.lands.nsw.gov.au/land_titles/eplan)

Obasanjo, D. (2002) W3C XML Schema Design Patterns:  
Avoiding Complexity.

<http://www.xml.com/pub/a/2002/11/20/schemas.html>

Open GIS Consortium, Inc. (2004) Geography Markup Language  
(GML) Implementation Specification.

<http://www.opengis.net/gml>

Orchard, D. (2004) Extensibility, XML Vocabularies, and XML  
Schema.

<http://www.xml.com/pub/a/2004/10/27/extend.html>

ICSM ePlan Model and CIF Jurisdictional XML Schema Review  
Stephenson, D. (2004) XML Schema Best Practices.

<http://devresource.hp.com/drc/resources/xmlSchemaBestPractices.jsp>

van der Vlist, E. (2002) XML Schema.  
O'Reilly: Sebastopol, CA, USA.

W3C (2004a) XML Schema.

<http://www.w3.org/XML/Schema>

W3C (2004b) XML Schema Part 0: Primer Second Edition.

<http://www.w3.org/TR/xmlschema-0>

W3C (2004c) XML Schema Part 1: Structures Second Edition.

<http://www.w3.org/TR/xmlschema-1>

W3C (2004d) XML Schema Part 2: Datatypes Second Edition.

<http://www.w3.org/TR/xmlschema-2>

W3C (2006) Extensible Markup Language (XML) 1.1 (Second Edition)

<http://www.w3.org/TR/2006/REC-xml11-20060816>

xFront (2006a) XML Schemas: Best Practices.

<http://www.xfront.com/BestPracticesHomepage.html>

xFront (2006b) XML Schema - Best Practices in a  
Nutshell.

<http://www.xfront.com/BestPracticeInNutshell.pdf>

ICSM ePlan Model and CIF Jurisdictional XML Schema Review  
xFront (2006c) XML Schema : Default Namespace –  
targetNamespace or XMLSchema?

<http://www.xfront.com/DefaultNamespace.pdf>

xFront (2006d) URL versus URN.

<http://www.xfront.com/URLversusURN.pdf>

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## 8 APPENDIX A - XML SCHEMA BEST PRACTICES

The following contains a list of some XML Schema Best Practices.

### **xFront (2006a, 2006b)**

Make targetNamespace the default namespace

Publish Unqualified and Qualified Schemas

Uniquely Identify All Schema Components With the ID Attribute.

Postpone Namespace Binding Until Necessary

Create Extensible Schemas.

W3C XML Schema 1.0 Cannot Express All Business Rules

Use URLs For XML Schema Namespaces

XML Schema Versioning Best Practices

### **Stephenson (2004)**

Namespaces URI, URL vs. URN

Attributes vs. elements

Qualified element names

Qualified attribute names

Global elements vs. local elements

Named types vs. anonymous types

Extensible content models, wildcards, anyAttribute

Constraints: max, min, length, pattern, etc

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Graph data structures
Identifiers in XML schemas
Default/fixed attributes value and default element values
Versioning
Mixed content
Simple type code lists
Complex type code lists
Generic containers
Model groups <sequence>, <choice>, and <all>
DTD
Extension vs. restriction for complex types
Type hierarchies vs. composition
Must understand attribute
Nil
Elements with simple content
Schema header
Import/include
Supplemental schema constraints

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