

Content Re-Engineering Tool (CRT)

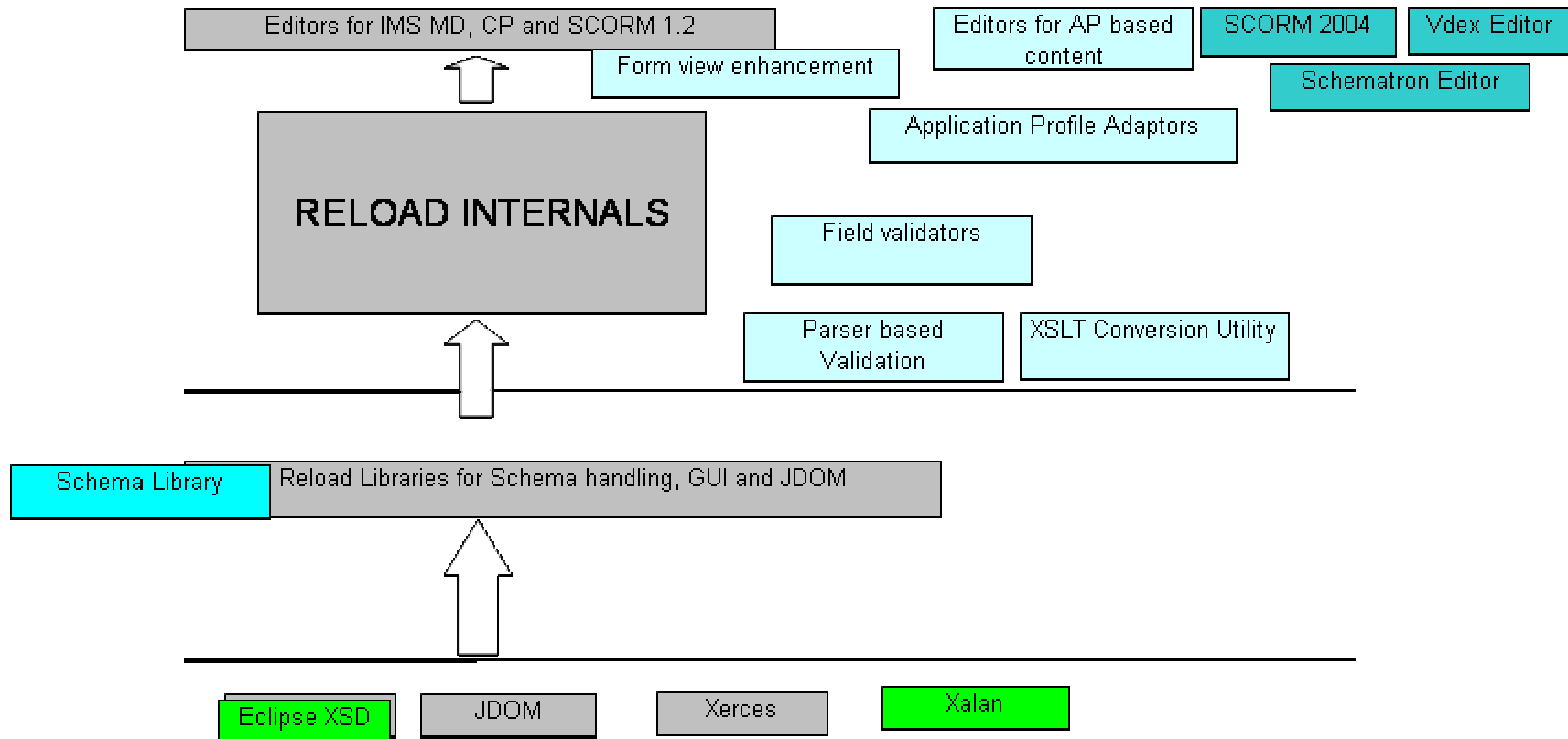
Roy P Cherian
University of Bolton

- **Contents**
 - **Rationale for CRT**
 - **Features**
 - **Demonstration**

- **Based on Reload Editor – www.reload.ac.uk**
- **Why CRT ?**
 - **Reload focus is on conformant content based on IMS specifications (MD CP LD) and SCORM (1.2)**
 - **Telcert requires support for:**
 - **Application profiles**
 - **Content validation**
 - **Content re-engineering**

- **Approach**
 - **Reuse Reload editor UI and libraries where possible**
 - **Develop new modules/user interfaces where needed.**

Reload to CRT



- **CRT Supports**
 - **Content creation from profiled schema**
 - **Content validation using schema parser and schematron rules**
 - **Content transformation using XSLT**
 - **SCORM 2004, limited VDEX editing**

- **CRT Supports – cont'd**
 - **Schematron rule editing and validation**

- **Validation**
 - **Parser based instance validation**
 - **Field validators**
 - **XPath in validation message linked to the form view**

- **Content conversion**
 - **Content conversion through XSLT**
 - **Either in standalone mode or batch mode**
 - **XSLT file to be written by the user**
 - **Configuration script by the user**

- **Demonstration covers -**
 - **Validation of metadata**
 - **Editing of SCORM 2004 content**
 - **Content conversion from SCORM 1.2 to 1.3**
 - **Schematron rule based validation**
 - **Creation of CP from profiled schema**
- **Tool available from:**
 - **http://www.cetis.ac.uk/members/telcert/index_html**

- **Tool available from:**

- <http://www.cetis.ac.uk/members/telcert/index.html>
- **And** <http://www.opengroup.org/telcert/>
- **Bugzilla hosted at Koblenz**