



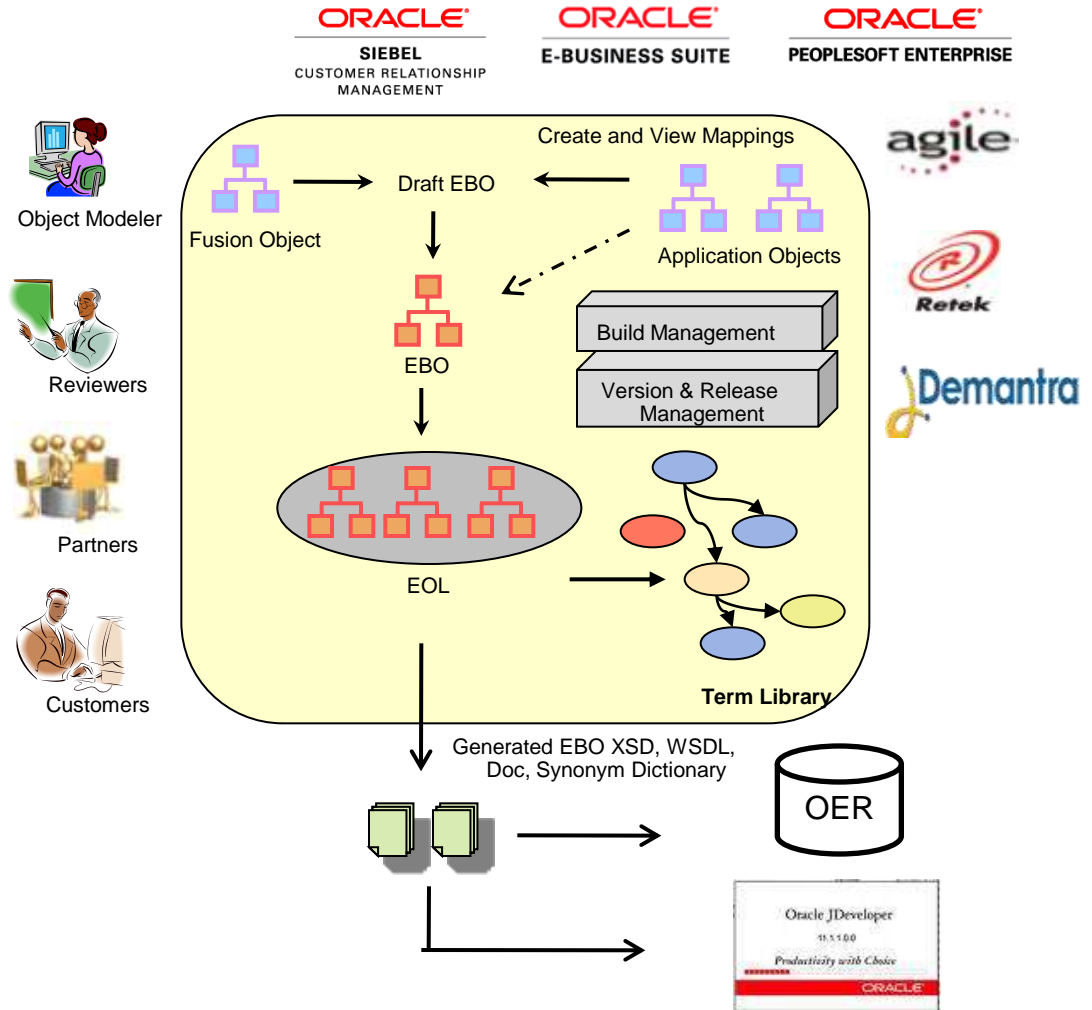
ORACLE®

EBO Designer

OAGi F2F December 02, 2009

EBO Designer

- ❖ **WHY** – Manage development of Enterprise Business Objects
- ❖ **WHAT** – An integrated, multi-user application for collaborative definition, customization, generation and deployment of business objects, business messages, message and services
- ❖ **HOW** - A CCTS based Dictionary of components. Contextual assembly of components to build business objects and messages. Mappings from applications and standards (e.g. OAGIS) to the component dictionary
- ❖ **BENEFITS** – Streamline business object development and maintenance process. Increased integration development productivity. Governance of design artifacts and customer extensions



EBO Designer

- Enable development and customization of CCTS based canonical business objects
- Define mappings between industry/ application interfaces and the canonical objects
- Versioning of canonical objects, interfaces and maps
- Business Context mechanism to enable contextual definition and assembly of objects
- Technology neutral basis – not UML, XML Schema, RDF etc..
- Support all steps of a canonical development process with one tool

Collaborative Development

Export/ Import dictionary, definitions and maps

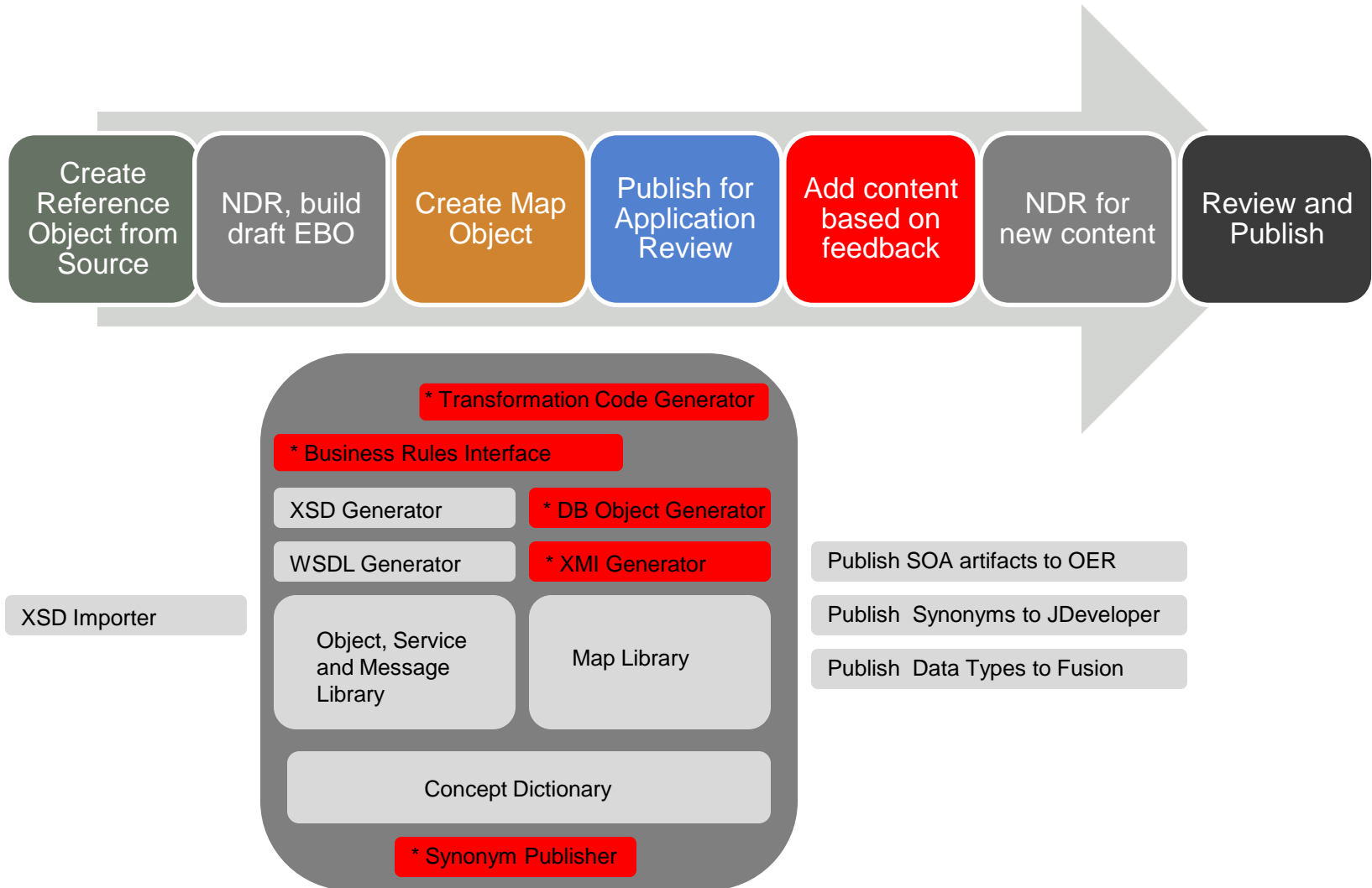


- Support **profile based generation** of implementation, modeling and documentation artifacts from the repository definitions – Schemas, WSDL, database objects, XMI, etc..
- Support **round trip for OAGIS or Oracle based content** – import schemas into the EBO Designer Repository, enrich the definitions, and generate schemas from the repository with no loss or change in definition
- Easy to use application to enable end users to define and extend content
- Manual or automatic DEN Generation
- Enable customers to extend our content or create new content

End User Profile

Business Analyst/
Functional Expert with
no formal knowledge of
UML/ XML Schemas

EBO Designer



Design Considerations

Completely web based, collaborative development

Export and Import capabilities for syncing across instances

Separation of user content from pre-seeded content

Designed to complement JDeveloper and BPA Suite

Targeted for CCTS Data Modelers

Beneficial for large Enterprises or Standards organizations

Design Considerations

Content and Service Editor

Term Dictionary

Application Mapping Library

Content Publishing

Context Methodology

Customization

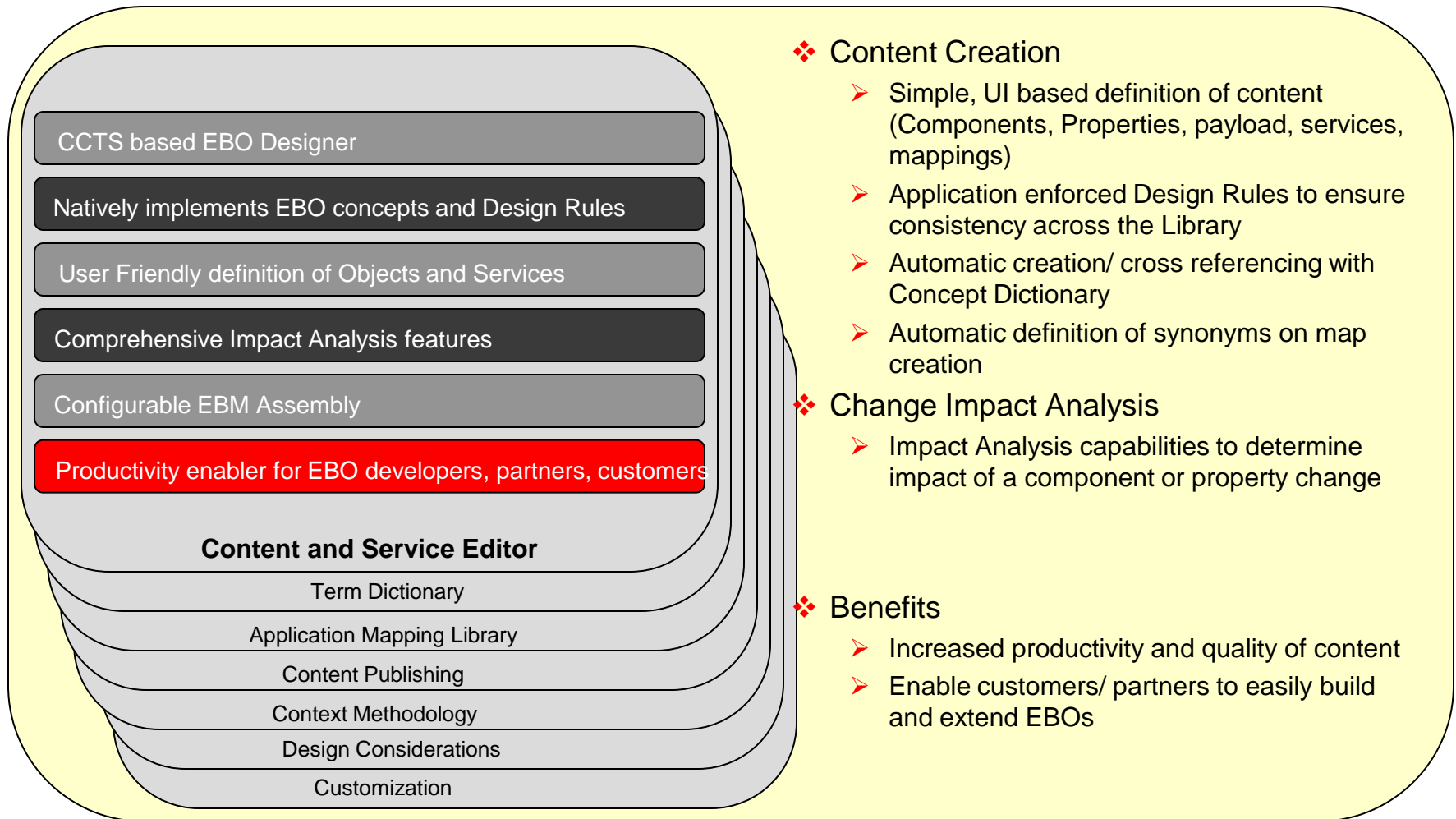
❖ Primary Goals

- Complement, not duplicate
 - Not a Schema Editor – but can generate schemas from the CCTS meta-model
 - Not a UML modeler – but can translate the model into an XMI file with a specific UML profile (*Not in First Release*)
 - Not a WSDL editor – but can generate WSDL
- Allow customization of model instead of schema– easier for business analysts
- Easily investigate what-if scenarios using impact analysis and other features
- Web based, collaborative development

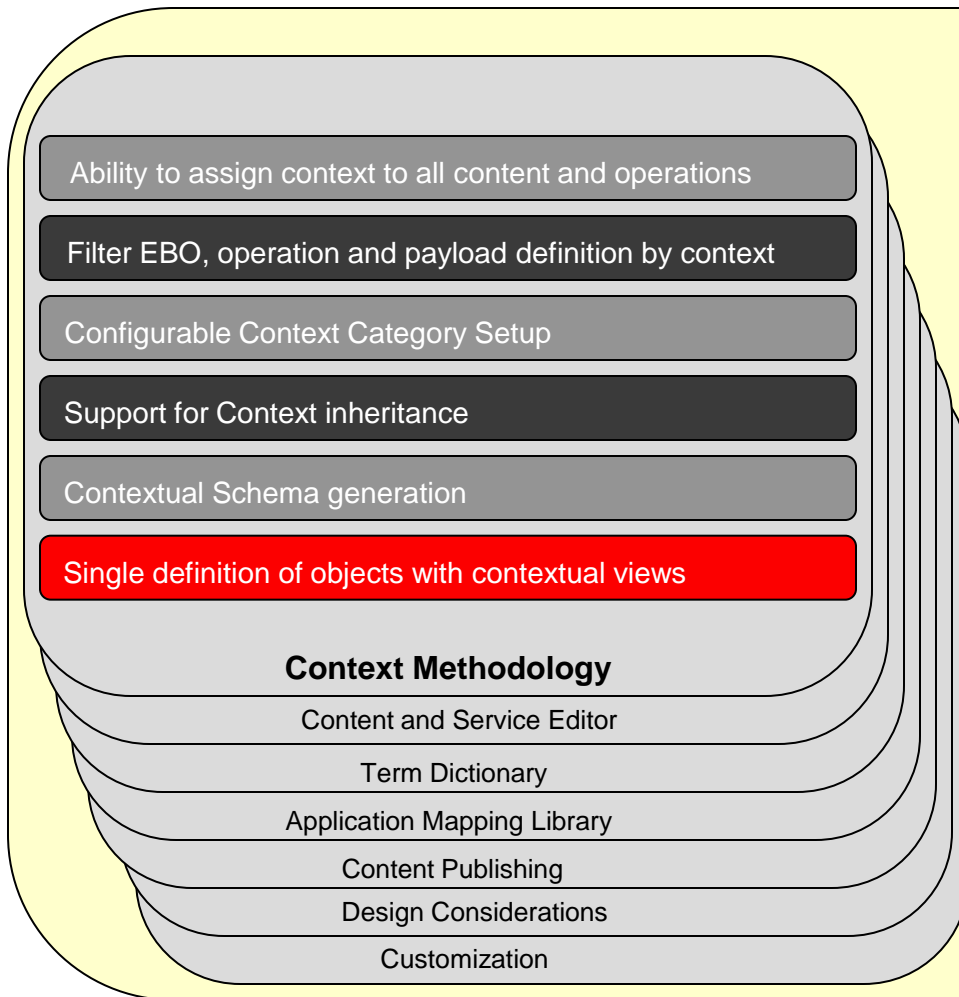
❖ Benefits

- Standardized, model based development of content
- Native implementation of CCTS and Business Context
- Facilitates distributed development within the enterprise and with external partners

Content and Service Editor



Context Methodology



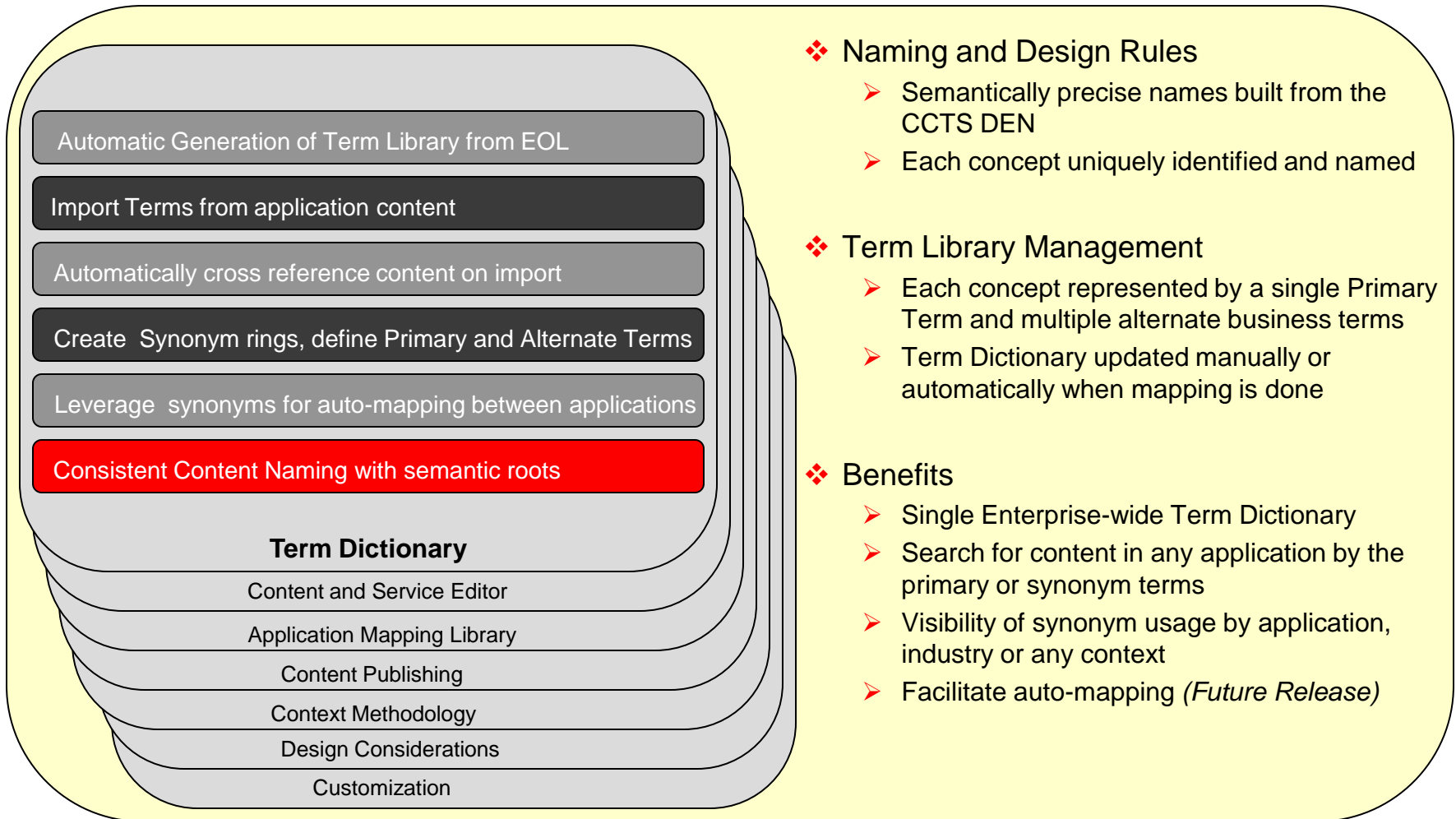
❖ Contextual "Views" of content

- All content in the repository tagged based on pre-defined or user-defined categories
- Users can create new context categories as required
- Pre-defined Industry, Geopolitical, Application, Business Process Role (used for customer extensions)
- Dynamically create data-sets and generate schemas by "context" (*Not in First Release*)
- All current pre-seeded data for industry context only
- Service Operations and payloads are also contextual

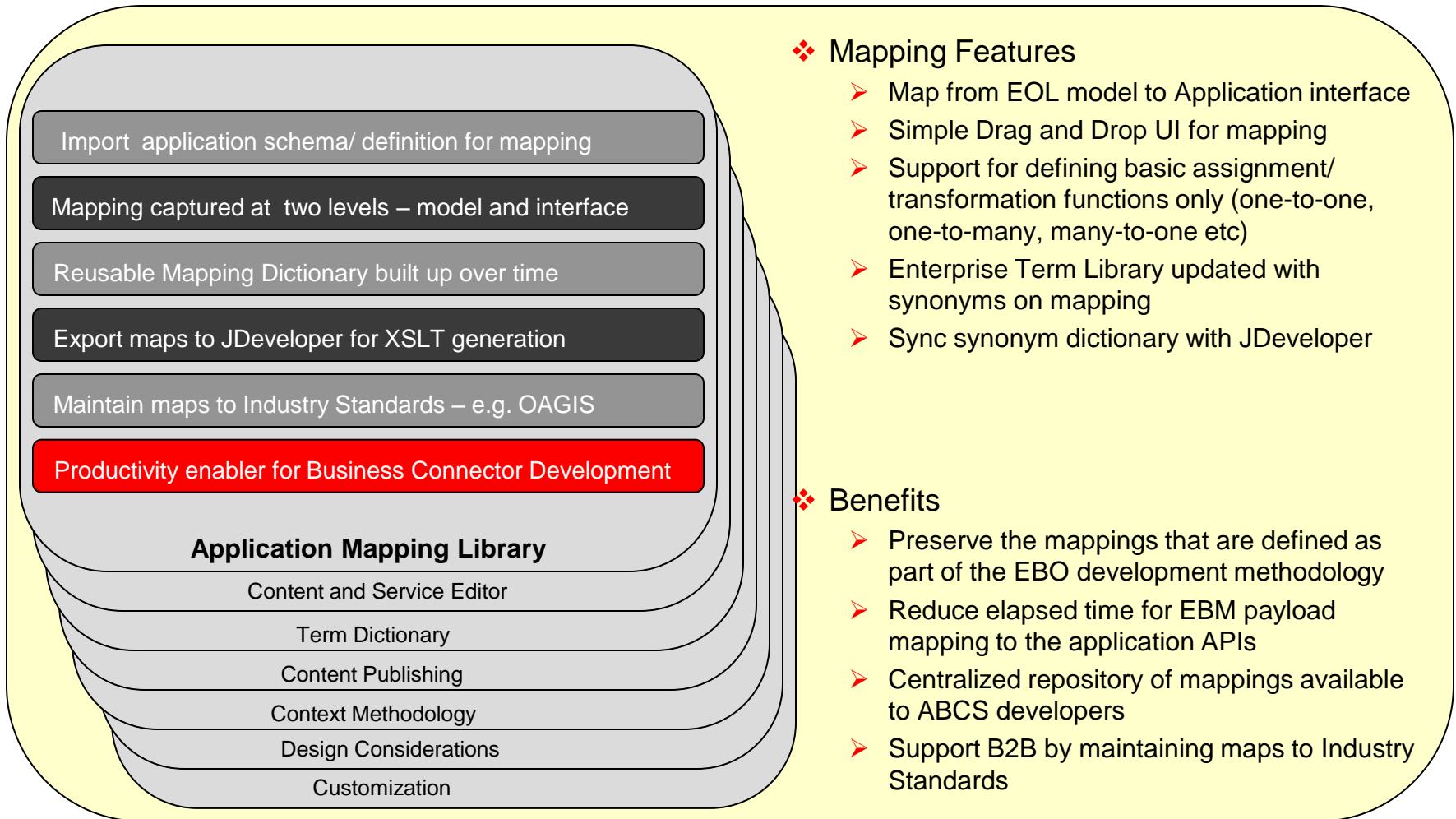
❖ Benefits

- Single definition of objects and payloads with different contextual "views" (e.g. Communications content only, UK content only)
- Customer extensions in their own context

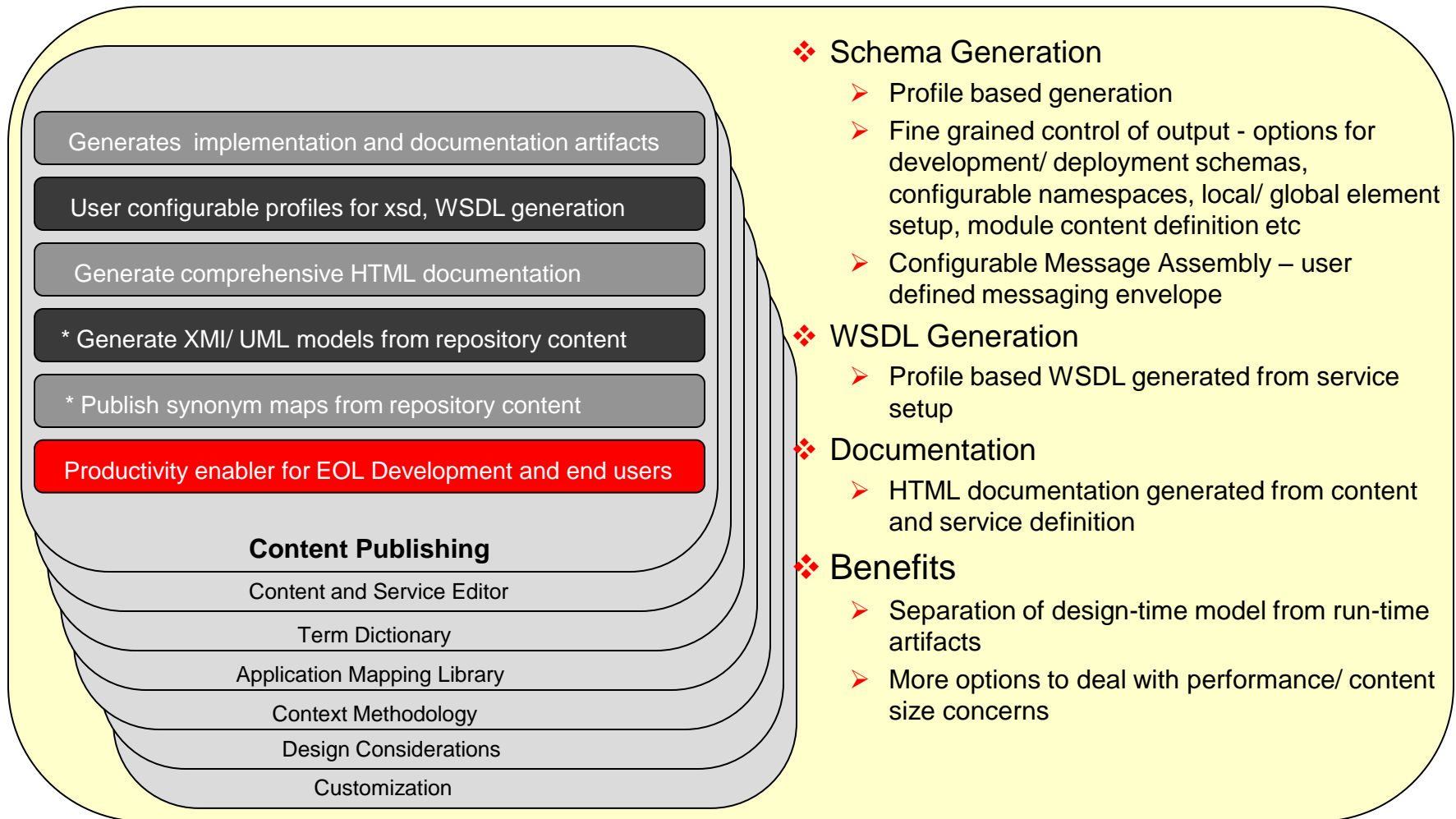
Term Dictionary



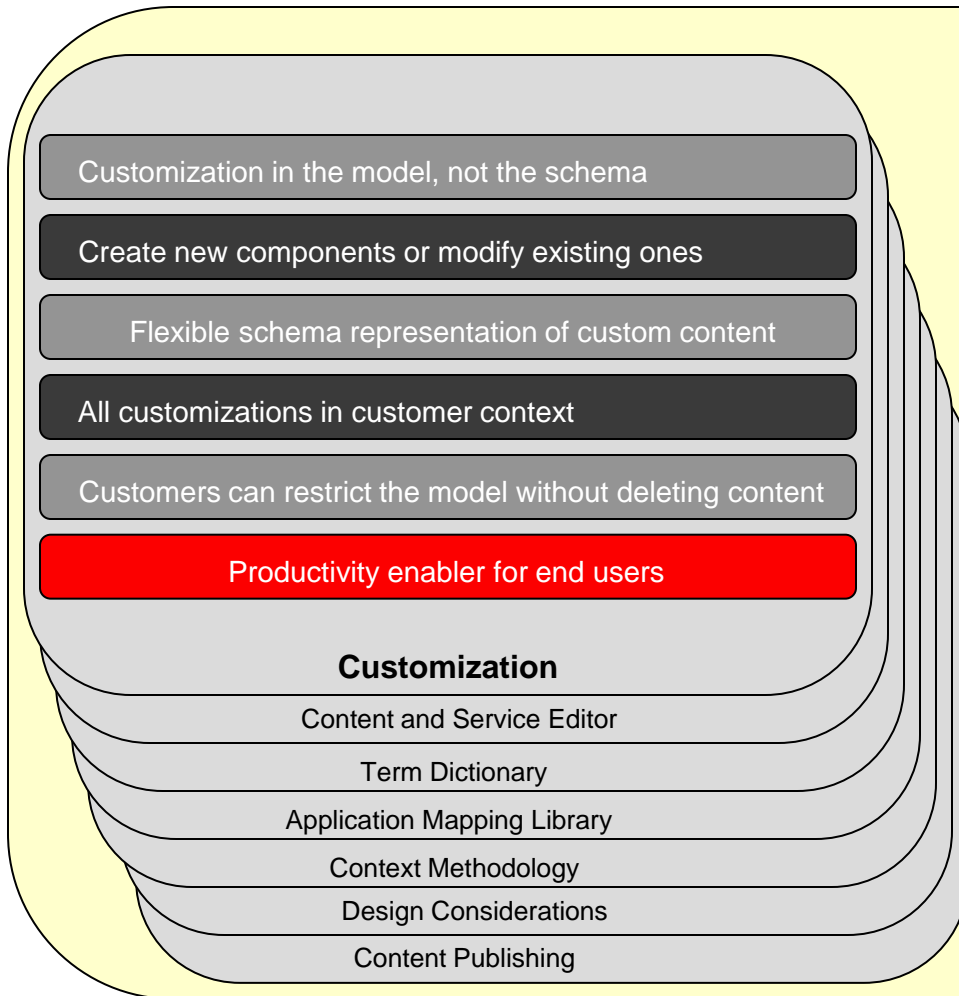
Application Mapping Library



Content Publishing



Customization



❖ Customization of the Model

- User deals with the model, not the schemas
- Contextual selection of content in the deploying organization's context
- Users can model different contexts for the same object for different business processes/ integration requirements and still maintain a single logical view of the object without touching the pre-defined content
- No need to clone an object to add/ remove content

❖ Configurable options for deploying customizations

- Extensions can be generated inline or within "Custom" element in the schemas
- Schemas generated with context annotations to identify source of content

❖ Benefits

- Single view of an object definition and its composition across the different business processes/ applications



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