

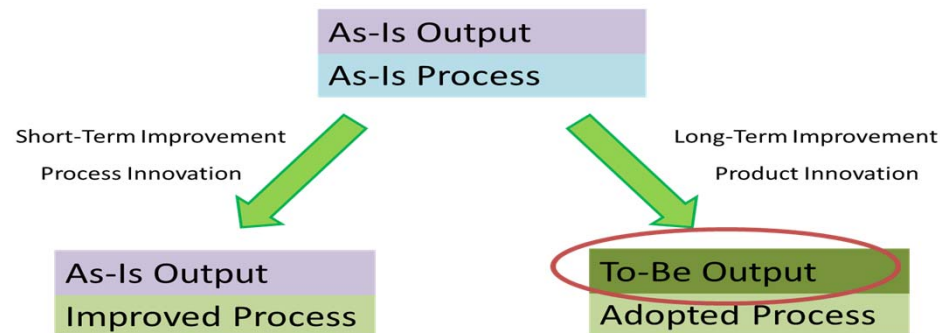


Library Review :: Results from the Questionnaire

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Library Review: Purpose

The purpose of this project is to ensure the long-term sustainability of UN/CEFACT's libraries of business process and information models and associated technical artifacts



Library Review

- Spokes(wo)men of various domains provided input on their view of the to-be-output (Oct 2014)
- Based on this input a questionnaire was sent to domain coordinators (Dec 2014)
- Replies from 14 domain coordinators received. All domains except of Customs participated – Thanks for your support (Feb 2015)
- Results of the questionnaire responses are discussed in the Monday Lunch&Learn
- Future directions are discussed in the Library Review Session on Thursday morning: 14:00 – 15:00

1. Core Components

1.1

UN/CEFACT
should
standardize
core
components

- Yes (14)
- (0)
- No preference (0)

1. Core Components

- (a) UN/CEFACT should harmonize all core components leading to a single library package of core components (12)
- (b) UN/CEFACT should harmonize a core set of core components and allow for domain-specific core components leading to multiple library packages of core components (1)
- (c) No preference (1)

1. Core Components

1.6
UN/CEFACT
should remove
the association
core
components
from its
library

- Yes (2)
- No (11)
- No preference (1)

1. Core Components

I expect a request for a new core component or an update of an existing one to be completed in ____ Months

- 2 (2)
- 3 (1)
- 6 (9)
- 12 (1)
- No preference (1)

2. Business Information Entities

2.1
UN/CEFACT
should
provide a
library of BIEs

- Yes (11)
- No (2)
- No preference (1)

2. Business Information Entities

- The UN/CEFACT BIE library should include packages with BIEs that are under control (including quality assurance) by UN/CEFACT (12)
- The UN/CEFACT BIE library should include packages with BIEs that are under control by other bodies (based on a collaboration agreement) (2)
- The UN/CEFACT BIE library should allow for pointers in its library to packages with BIEs maintained elsewhere by other bodies (7)
- No preference (0)

2. Business Information Entities

- Control including quality assurance is carried out by the library management team (8)
- Control including quality assurance should be carried out by the respective UN/CEFACT PDA/domain leading to domain-specific library packages (2)
- No preference (2 + 2)

Note, one DC voted (a), even if (s)he did Not vote (a) for 2.1

2. Business Information Entities

2.4
BIEs of
different
domains
should be
harmonized
as part of the
quality
assurance

- Yes (6 + 1)
- No (1)
- No preference (1 + 5)

Note, one DC voted (a), even if (s)he did Not vote (a) for 2.3

3. Business Document Assembly

3.1
The
UN/CEFACT
library should
also include
business
document
assemblies

- Yes (12)
- No (2)
- No preference (0)

3. Business Document Assembly

3.2
The
UN/CEFACT
library should
provide
information on
which business
document
assembly
(project /
submission)
uses which BIEs

- Yes (12)
- No (0)
- No preference (2)

3. Business Document Assembly

3.3
The
UN/CEFACT
library should
provide
information on
which BIE is
used by which
business
document
assembly
(project /
submission)

- Yes (11)
- No (0)
- No preference (3)

3. Business Document Assembly

- The UN/CEFACT library should include business document assemblies that are under control (including quality assurance) by UN/CEFACT (11)
- The UN/CEFACT library should include business document assemblies that are under control by other bodies (based on a collaboration agreement) (2)
- The UN/CEFACT library should allow for pointers business document assemblies maintained elsewhere by other bodies (6)
- No preference (0)

3. Business Document Assembly

- Control including quality assurance is carried out by the library management team (8)
- Control including quality assurance should be carried out by the respective UN/CEFACT PDA/domain leading to domain-specific library packages (0)
- No preference (3 + 3)

4. Data Types

4.1
UN/CEFACT
should
continue to
publish a data
type library

- Yes (13)
- No (0)
- No preference (1)

4. Data Types

4.2
UN/CEFACT
should continue
to have
semantic data
types (e.g.
Amount) in
contrary to
limit itself to
primarily
syntactic types
(e.g. W3C
data types)

- Yes (12)
- No (0)
- No preference (2)

5. EDIFACT/XML Messages

5.1
UN/CEFACT
should create
new and
maintain
existing
UN/EDIFACT
messages (and
parts thereof)
which are
included in the
CEFACT library

- Yes (8)
- No (0)
- No preference (6)

5. EDIFACT/XML Messages

5.2

The UN/CEFACT library should include compliant message implementation guidelines developed by other parties.

- Yes (0)
- No (7)
- No preference (7)

5. EDIFACT/XML Messages

5.3

The UN/CEFACT library should allow for pointers to message implementation guidelines developed by other parties

- Yes (7)
- No (0)
- No preference (7)

5. EDIFACT/XML Messages

5.4
UN/CEFACT
should
provide a
library of
XML messages
(XSDs)

- Yes (9)
- No (1)
- No preference (4)

5. EDIFACT/XML Messages

- UN/CEFACT should create its own XSDs that are part of the library (11)
- The UN/CEFACT library should include XSDs that are under control by other bodies (based on a collaboration agreement) (3)
- The UN/CEFACT library should allow for pointers in its library to XSDs maintained elsewhere by other bodies (8)
- No preference (1)

5. EDIFACT/XML Messages

- UN/CEFACT should define XSDs for all business document assemblies (projects / submissions) (1)
- UN/CEFACT should define XSDs only for selected business document assemblies (projects /submissions) (5)
- No preference (8)

5. EDIFACT/XML Messages

5.7
The UN/CEFACT
library should
provide
information on
which business
document
assembly (project
/ submission) is
implemented by
which consistent /
compliant
/conformant
XSDs

- Yes (5)
- No (2)
- No preference (7)

5. EDIFACT/XML Messages

5.8
The UN/CEFACT
library should
provide
information on
which XSD is
consistent /
compliant /
conformant to
which business
document
assembly (project
/ submission)

- Yes (5)
- No (1)
- No preference (8)

5. EDIFACT/XML Messages

5.9
UN/CEFACT
created XSDs
should include
XSD
enumerations
for code lists,
i.e. changes to
code lists lead
to changes of
XSDs

- Yes (3)
- No (5)
- No preference (6)

6. Library Publication Issues

6.1
UN/CEFACT
maintained
code lists
should be
accessible by
a Web
Service

- Yes (3)
- No (5)
- No preference (6)

6. Library Publication Issues

6.2

The publication of code lists (independent of format) should contain all entries, i.e. also the ones expired

- Yes (9)
- No (1)
- No preference (4)

6. Library Publication Issues

6.3

UN/CEFACT
should publish
a BRS library
(including links
to BIEs, BDA,
XSDs, etc.)

- Yes (10)
- No (2)
- No preference (2)

6. Library Publication Issues

6.4
UN/CEFACT
should update
the BRS and
RSM with
every revision
of the
BIE/BDA
library

- Yes (3)
- No (6)
- No preference (5)

6. Library Publication Issues

6.5
UN/CEFACT
should publish
a library of
business
processes
(with links to
BDA)

- Yes (5)
- No (1)
- No preference (8)

6. Library Publication Issues

- All UN/CEFACT libraries should continue to be published twice a year (9)
- All UN/CEFACT libraries should be published on demand (1)
- The UN/CEFACT libraries should have another periodic publishing scheme (see 6.7) (3)
- No preference (1)

6. Library Publication Issues

6.8

The library items should be accessible in the following formats:

- Excel (10)
- Hyperlinked Documents (e.g. HTML) (13)
- XML (e.g. XML4CCTS) (12)
- UML (i.e. XMI) (7)
- OWL (4)
- RDF (1)
- Other - GEFEG FX (1)

7. Supplemental Material

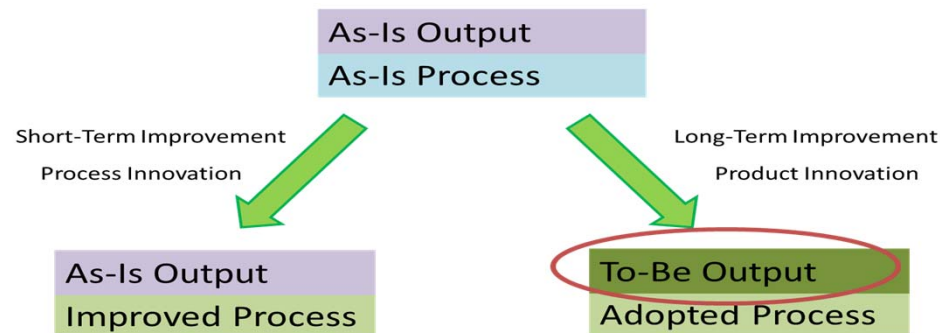
7.1

The following additional material should be interlinked with items in the CEFACT library where appropriate

- Guidelines for Setting up Web Services or other transport channels (email, ftp, ...) (3)
- Best practices, technical instructions and configuration specifications for set up, test and deployment of Web Services (5)
- Reference Implementations (7)
- Background material, (6)
- Schematron (or other rule language) (8)
- Samples (for one or two popular languages) (7)
- Guides describing business value, technical difficulties in implementation, etc (9)
- good definitions, explanatory notes (6)

Library Review: Purpose

The purpose of this project is to ensure the **long-term sustainability** of UN/CEFACT's libraries of business process and information models and associated technical artifacts



LIBRARY 2020

25th UN/CEFACT Forum, 20 – 24 April 2015

My interpretation of the results

Results of the Questionnaire are rather conservative.

- a) In general, people do not like change
- b) Answers reflect the short term requirements
- c) The other options are not well understood
- d) The current approach is the best anyway

The world has changed ...

Share

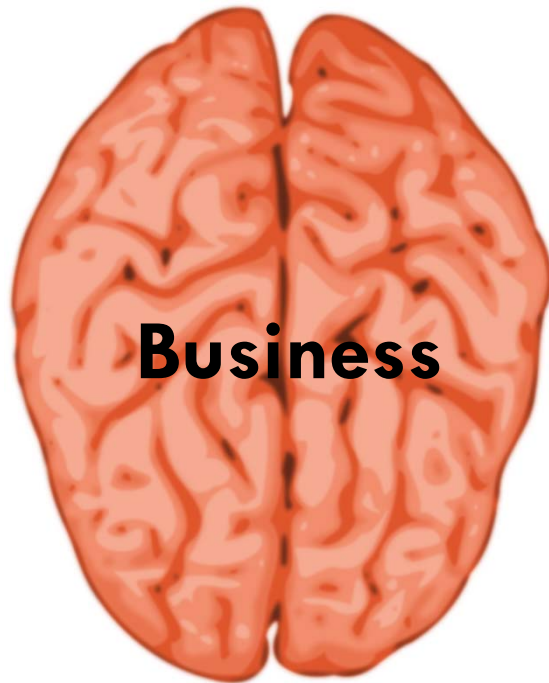
Copy & Paste
(Best
practices)

Big Data

Cloud



CEFACT's Capital



Access to the Library



Tooling



Sharing



ACC: Contract. Details

BCC: Contract. Identification. Identifier
BCC: Contract. Type. Code
BCC: Contract. Issue. DateTime
BCC: Contract. Price. Amount
ASCC: Contract. Effective. Period
ASCC: Contract. Performance. Metrics

ABIE: Trade_ Contract. Details

BBIE: Trade_ Contract. Primary_ Identification. Identifier
BBIE: Trade_ Contract. Issue. DateTime
BBIE: Trade_ Contract. Price. Amount
ASBIE: Trade_ Contract. Financial_ Performance. Metrics

Statistics on library items

Geopolitical Location

Creation Date

Etc.

Industry

ALL / CEFACT Only

ACC: Contract. Details

BCC: Contract. Identification. Identifier (90%)

BCC: Contract. Type. Code (30%)

BCC: Contract. Issue. DateTime (99%)

BCC: Contract. Price. Amount (20%)

ASCC: Contract. Effective. Period

ASCC: Contract. Performance. Metrics

Imagine

You may say I'm a dreamer

But I'm not the only one

I hope someday you'll join us

And the world will be as one