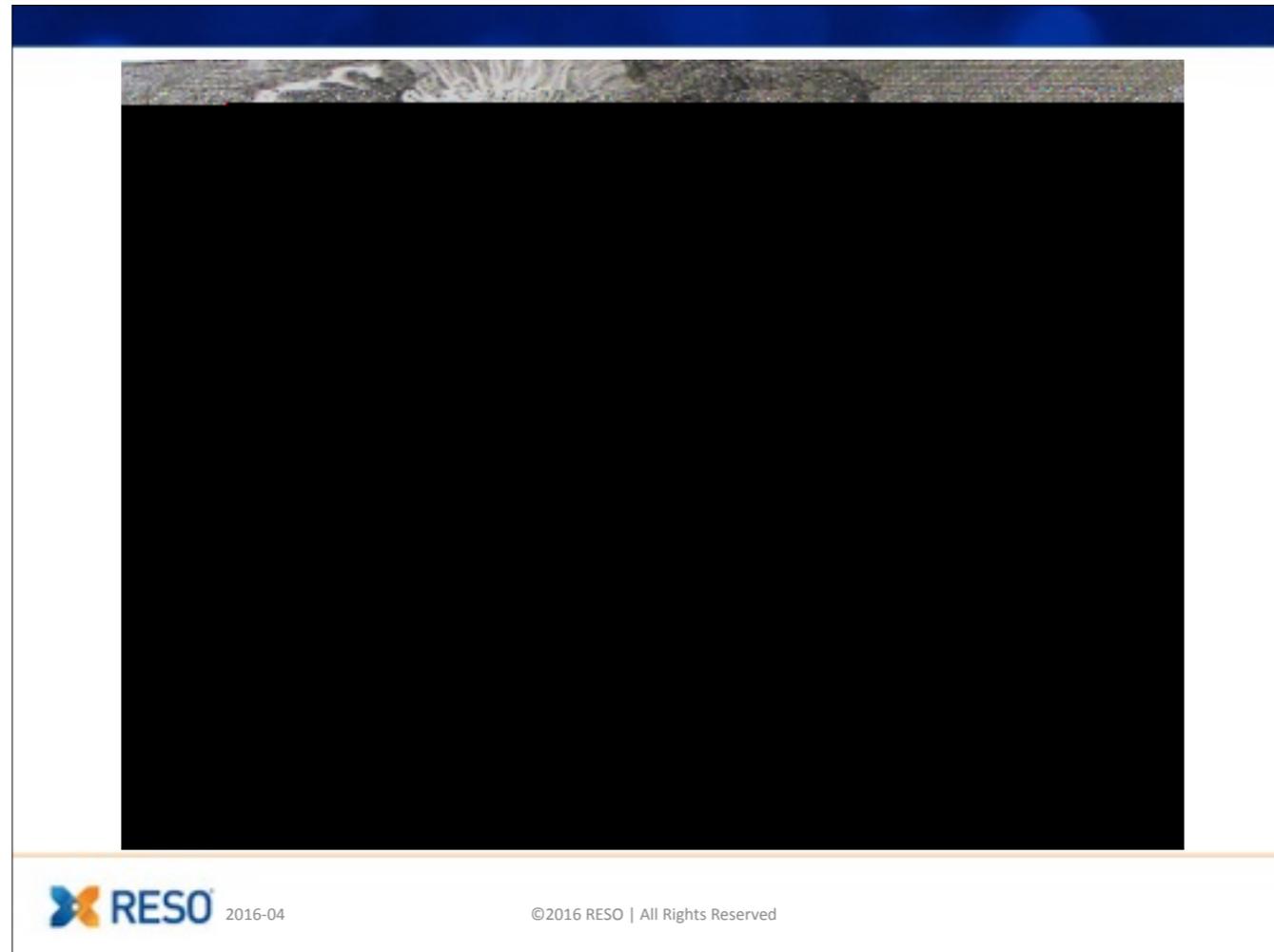


RESO Standards from Inception to Specification

Paul Stusiak
Falcon Technologies





NOT how the specification happens.

A problem is identified and a volunteer climbs some mountain and interacts with a higher power



The higher power delivers a complete and perfect specification to the volunteer.



The volunteer delivers the perfect specification to the community.

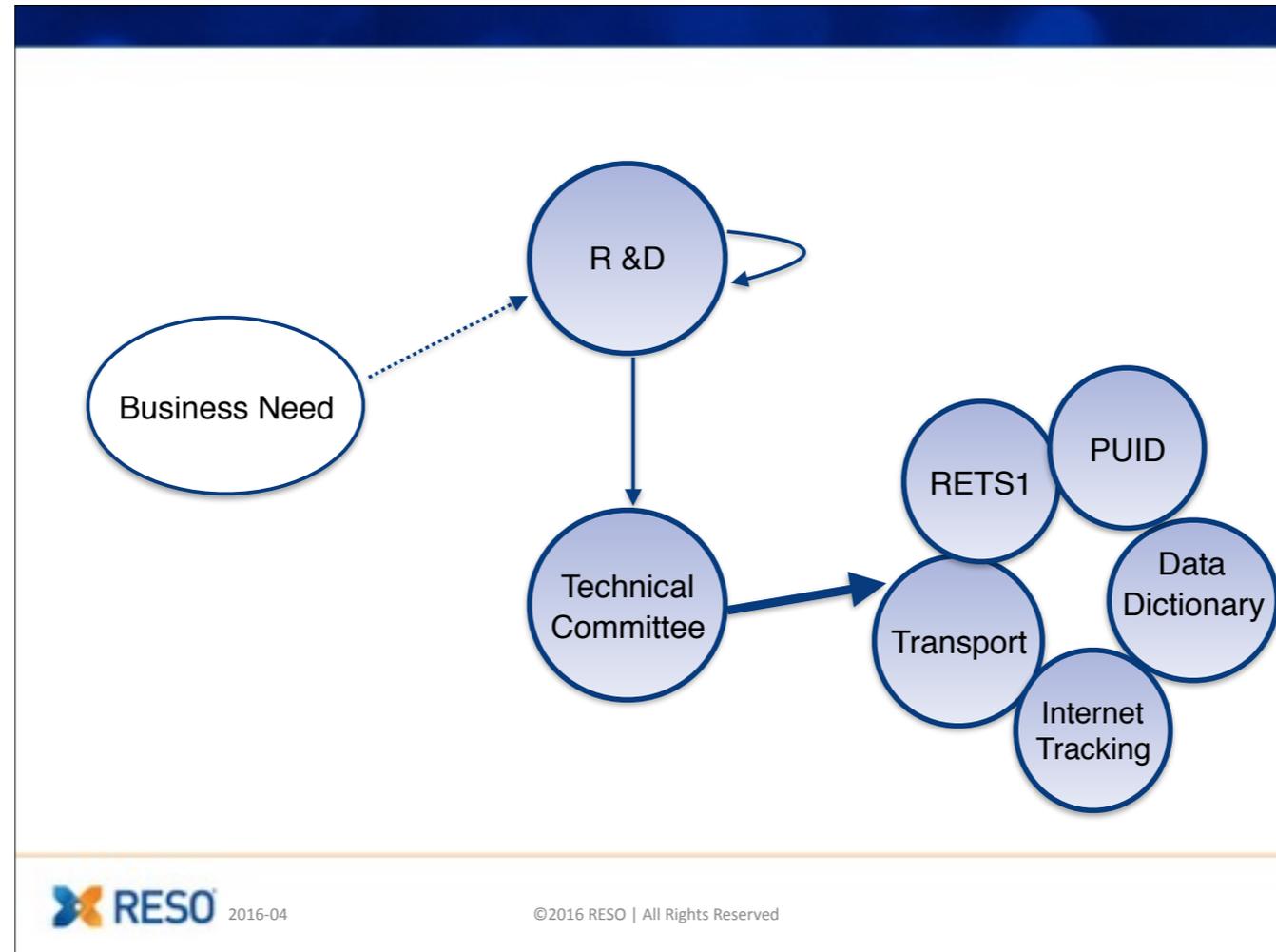


Also NOT how the specification is created.

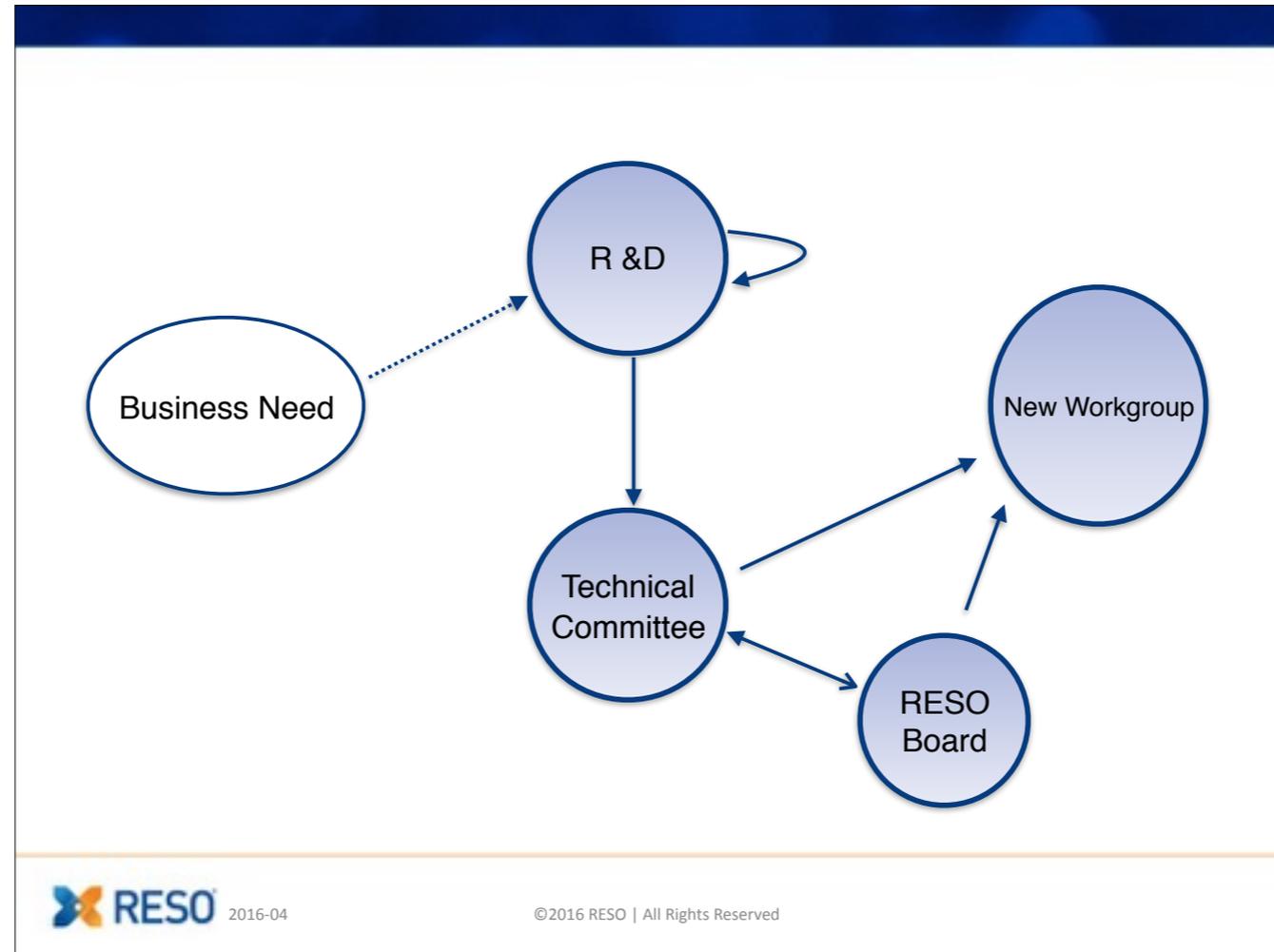
A need is dropped in the middle of a clowder of cats. The cats may or may not do something about it.



It is something that comes from a community pursuing their separate businesses and wants who come together to identify common needs and come to a compromise that helps all.



The formal process for a need that fits into an existing workgroup flows from need to the specific group via the R&D workgroup and the technical committee



The process for a need that requires a new workgroup includes the RESO board who charters a new workgroup to work on the need.

Inception -> Concrete

- Information
- Synopsis and Rationale
- Proposal
 - Detailed description of the changes
- Impact
- Compatibility

Individual workgroup chairs have some flexibility to keep changes within the workgroup where the changes are from an existing specification.

Data Dictionary also has a slightly different process to add fields where the field is submitted to the chair and it is discussed and adopted at a workgroup meeting. However, the collection of fields that makes up a data dictionary version does follow the process above.


 RCP 101i - Child Rows Support
 Edit Favourite

Created by Paul Stusiak, last modified by Robert Gottesman on Apr 11, 2015

Submitter Name	Ivaan Nazaroff	Document Name	RETS 1.8
Submitter Organization	CoreLogic Inc.	Document Version	1.8.0
Submitter Email	inazaroff@corelogic.com	Date Submitted	2014-02-18
Co-submitter Name		Status	ADOPTED
Co-submitter Organization		Status Change Date	2015-04-10
Co-submitter Email			

Synopsis

See the attached document under the tools menu for the original submission, including the diagrams. We are working to resolve the i

This proposal add support for Child Rows to the RETS Update Transaction.


2016-04
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The change proposal is published to the workgroup for comment and discussion before inclusion in the specification document. Here's a portion of an adopted change for the RETS 1.x with the information and synopsis shown.



Section 10 - Update Transaction

Created by Jeremy Crawford on Sep 16, 2015

The update transaction is used to modify data on the server. The client transmits information describing the update to perform. The information is based on the metadata for a particular implementation, the information of the update may be structured as a parent-child relationship where each several associated child records. If there are errors in the ~~data~~ information or the associated child information, the server returns an error reply and That is, on an error in any of the information, parent-child or flat, the server MUST be returned to the state it was before the update transaction was errors, the record(s) as ~~it was inserted/~~ added or updated on the server will be returned. The record is returned in the same manner as a record is

Update requests MUST use the POST method (rather than the GET method). ~~This allows the client to transmit characters beyond the HTTP length~~ The request MUST use a content-type appropriate to the encoding of the request, per [16]. A content-type of `text/www-url-formencoded` is a method of encoding HTML form parameters may be used.

- 10.1 Required Request Arguments
- 10.2 Optional Request Arguments
- 10.3 Required Response Arguments
- 10.4 Optional Response Arguments
- 10.5 Update Response Body Format
- 10.6 Record Locking
- 10.7 Validation
- 10.8 Reply Codes

The changes in the proposal section are incorporated into a new version of one of the standards. New text is shown in green and strike-through shows text that has been removed

10.2.5 WarningResponse

See Section 21.3 WarningBlock for details.

10.2.6 ChildRecord

If the Update metadata (11.3.3) describes Child_Action metadata (11.3.5) then the client can submit updated child data with the ChildRecord parameter in a transaction.

ChildRecord	::= QUOTE ChildAction QUOTE * child-action-id field-delimiter QUOTE ChildRequestID QUOTE * child-request-id field-delimiter QUOTE Sequence QUOTE * process-order field-delimiter field_name = field-value *(field-delimiter field_name = field-value)
	; "ChildAction"=123 "ChildRequestID"=3324 "Sequence"= 2 ListPrice=250000 Status=1
child-action-id	::= RETSID
child-request-id	::= RETSID
process-order	::= POSITIVENUM
field-name	::= RETSNAME
field-delimiter	::= OCTET

The change may span several sections of a standard.

Concrete -> Comment

- Publish to the workgroup for comment
- Collect the comments
- Resolve the conflicts between proposal and comments

Once the initial edit is completed, the new version of the specification is published to the workgroup for comment.

Note: An Approved RCP is Related to this Section
Section 10.2 is related to the following approved RCP(s):
RETS 1.8.0

- RCP 59 Revised Update Transaction
- RCP 102 Child Row Support

Content in this section has been updated or modified since the previous RETS version.
Click the link above to review this RCP and the associated changes that were proposed and adopted in this version.

 Like Be the first to like this

23 Comments

 Unknown User (lviktorin@corelogic.com)
10.2.1:
A previous Update Transaction may have resulted in one or more warnings that must be resolved before the record can be store
WarningResponse permits the user to resolve those issues.

[Reply](#) • [Edit](#) • [Delete](#) • [Like](#) • Aug 03, 2010

 Unknown User (pstusiak@falcontechologies.com)
Fixed.

[Reply](#) • [Edit](#) • [Delete](#) • [Like](#) • Aug 12, 2010

 Unknown User (lviktorin@corelogic.com)
Remove the *s from

Here's some comments for the change, applied in the specification document - comments may also be applied earlier to the change proposal document.

Comment -> Revision -> Voting

- Revised proposal published
- Comments on revision
- Electronic vote (optional in-person or teleconference vote)

Comments are incorporated to a revised version of the standard as appropriate. The cycle may repeat more than once. When completed, the chair bring the new version of the specification to the workgroup for a vote to recommend.

Voted -> Board

- Workgroup submits the adopted change to the Technical committee
- Technical committee reviews the change for cross-workgroup impact
- Technical committee submits the change to the board with a recommendation to adopt

Once the workgroup has recommended a new version of the specification, it is sent for review to the technical committee. When the technical committee is satisfied that the change does not have other side effects to other workgroups, it is sent to the board for adoption.

Board -> Specification

- RESO Board adopts the change into the standard

The RESO board has the final say in the adoption of the new version of the specification.

Q & A

Thanks

- All images from commons.wikimedia.com
- Contact info
 - pstusiak@falcontechologies.com