

ECC WG Update

EML Congruence Checker working group previous-year activities and accomplishments

ECC WG members: Duane, Margaret, Stevan, Sven, Jason, and Gastil

Accomplishments

- Twice-per year releases, e.g.,
 - Fall 2017
 - Integrity checksum present
 - Integrity checksum matches
 - Spring 2018
 - dateTime formatString from preferred list
 - dateTime formatString congruent
 - <funding> present

Working group activity and resources

- frequent communication typically via Slack and GitHub (Wiki, issues); virtual meetings are held as needed, with one in-person meeting annually (during an IMC meeting)
- notes, agendas, and other WG-related resources are available on GitHub
- WG activity level varies depending on identified needs, demand and timing of those needs, and resources available to implement new checks or changes

Plans

- Twice-per year releases
 - Fall 2018
 - Info: attributeNames match header string
 -
 - Considering adaptations needed for EML 2.2

Overall objective is to maintain high data reliability, thus re-useability.

Vet, prioritize list of checks



Define purpose



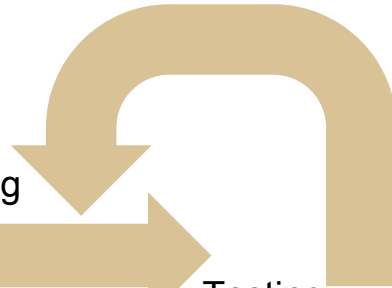
Design check



Coding



Testing



Staging



Production



Our process cycle

Question for the IMC today:

- The IMC had requested a standard release cycle for new checks, but informative checks were not considered at the time of this request. Can checks that are strictly informative (i.e., will not throw a warning or error) go into production outside the standard release schedule?
- Report format changes go into production any time
 - see example - color! Feedback welcome (eg, CVD)

Extra info, references, links...

- ECC is an EDI WG with IMC providing community input
- ECC WG material on github:
 - <https://github.com/EDlorg/ECC>
- On the [EDI website](#):
 - > Resources > 5 phases... > 4. Upload

#	Identifier	Status	Quality Check	Name	Description	Expected	Found
1	entityNameLength	valid	Type: metadata System: knb On failure: warn	Length of entityName is not excessive (less than 100 char)	length of entity name is less than 100 characters	entityName value is 100 characters or less	19
2	entityDescriptionPresent	valid	Type: metadata System: ltr On failure: warn	An entity description is present	Check for presence of an entity description.	EML Best practices pp. 32-33, "...should have enough information for a user..."	true
3	numHeaderLinesPresent	Info	Type: metadata System: knb On failure: info	'numHeaderLines' element is present	Check for presence of the 'numHeaderLines' element.	Document contains 'numHeaderLines' element.	'numHeaderLines' element
4	numFooterLinesPresent	Info	Type: metadata System: knb On failure: info	'numFooterLines' element is present	Check for presence of the 'numFooterLines' element.	Document contains 'numFooterLines' element.	'numFooterLines' element
5	fieldDelimiterValid	valid	Type: metadata System: knb On failure: error	Field delimiter is a single character	Field delimiters should be one character only	A single character is expected	,
6	recordDelimiterPresent	valid	Type: metadata System: knb On failure: warn	Record delimiter is present	Check presence of record delimiter. Check that the record delimiter is one of the suggested values.	A record delimiter from a list of suggested values: \n, \r, \r\n, #x0A, #x0D, #x0D#x0A	\n
7	numberOfRecordsPresence	valid	Type: metadata System: knb On failure: warn	Is the numberOfRecords element present?	Warn the user if the numberOfRecords check is not present	A number of records element is expected for this entity	numberOfRecords element