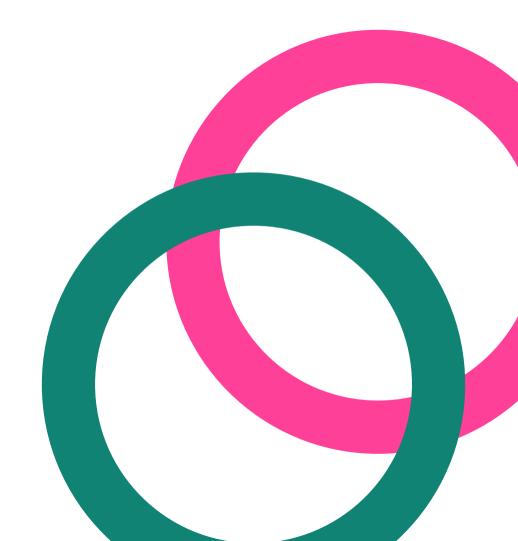


Pinnacle Community

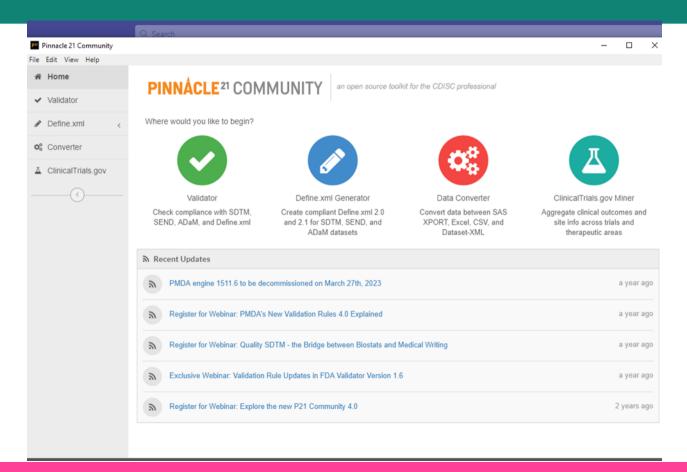
14 - March 2024

Andrea Weber



TOPICS

- P21C Functionality
- Strength and Weak
- Q&A / Discussion

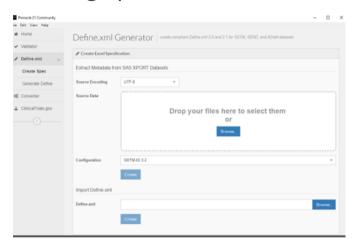


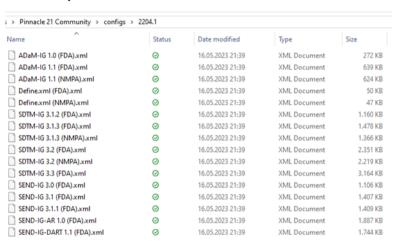
Generate Define



- needs excel sheets with Metadata
- generates define and stores it together with style sheets
- no need to create define programs themselves
- quick
- no message if excel sheet is not suitable, but creates an empty define

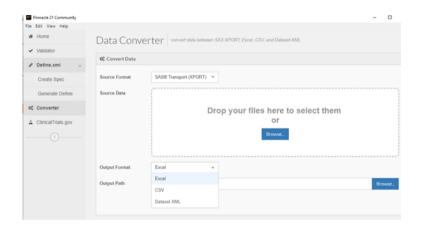
Creating Specification in excel format via xpt files or Define.xml file





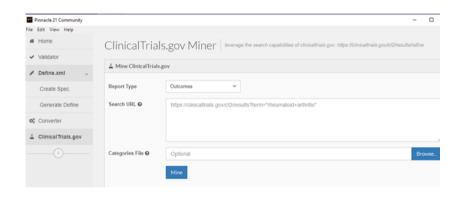
- Possibility to create a specification template via a xpt file or an existing define from another study to have the required specification format.
- Possibility to use configurations of P21C of the relevant data standard (e.g., SDFM 3.2 (FDA)).

Data converter



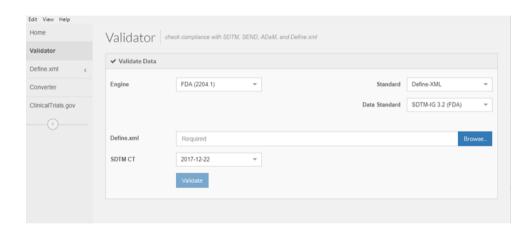
Possibility to convert xpt to excel, csv or xml file

ClinicalTrials.gov Miner



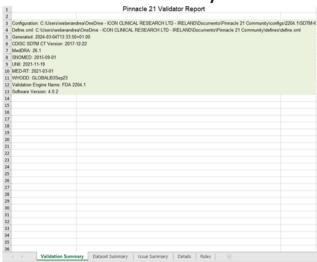
 aggregates clinical outcome measures/endpoints across trials and therapeutic areas

Validator



- Validation of define.xml and /or data (xpt files) for the following standards
- SDTM, ADaM, SEND
- Results in excel format

Validation Summary



Summary of Configuration: SDTM/or ADAM-IG version (FDA or PMDA), MedDRA, WHODD, SNOMED, MED-RT (Medication Reference Terminology), validation engine and software version

Dataset Summary

	i iiiidele i	21 Validator Re	-poit		
	Proc	cessed Sources			
Domain	Label	Class	Source	Records	Rejects
GLOBAL	Global Metadata			0	
AΕ	Adverse Events	EVENTS	ae.xpt	865	
CE	Clinical Events	EVENTS	ce.xpt	224	
CM	Concomitant Medications	INTERVENTIONS	cm.xpt	11986	
DA	Drug Accountability	FINDINGS	da.xpt	385	
DM	Demographics	SPECIAL PURPOSE	dm.xpt	339	
SV	Subject Visits	SPECIAL PURPOSE	sv.xpt	2763	
ГА	Trial Arms	TRIAL DESIGN	ta.xpt	12	
ΓE	Trial Elements	TRIAL DESIGN	te.xpt	6	
n	Trial Inclusion/Exclusion Criteria	TRIAL DESIGN	ti.xpt	54	
rs	Trial Summary	TRIAL DESIGN	ts.xpt	76	
TV .	Trial Visits	TRIAL DESIGN	tv.xpt	12	
VS	Vital Signs	FINDINGS	vs.xpt	12916	
Total				322268	
	Unpre	ocessed Sources			
Domain	Label	Class	Source	Records	Rejects
Total					
Grand Tota	al			322268	

- List of datasets with class, number of records and number of rejections
- Overall summary of records and rejections

Issues Summary



 List of issues per domain inclusive related rule and number of occurrences

Details

						Pinnacle			
1	Domain			Variables	Values		Message	Category	
2	AE	14		AEENRTPT	null, null	SD0021	Missing End Time-Point value	Consistency	
3	AE	17		AEENRTPT	null, null	SD0021	Missing End Time-Point value	Consistency	
4	AE	4		USUBJID, AESEQ, AESMIE	XXX-11002, 1, Y	SD1143	No Details info for AESMIE Adverse Event in SUPPAE domain	Presence	
5	AE	7		USUBJID, AESEQ, AESMIE	XXX-11005, 1, Y	SD1143	No Details info for AESMIE Adverse Event in SUPPAE domain	Presence	
6	AE	126		AESTDTC, SUB:RFPENDTC	2019-10-24T13:07, 2019-10-24T12:55	SD1202	AESTDTC date is after RFPENDTC	Limit	
7	AE	218		AESTDTC, SUB:RFPENDTC	2019-01-03T12:48, 2019-01-03T11:28		AESTDTC date is after RFPENDTC	Limit	
8	СМ		2003	CMDOSFRQ	OTHER	CT2002	CMDOSFRQ value not found in Frequency' extensible codelist	Terminology	
9	СМ		1500	CMDOSU	OTHER	CT2002	CMDOSU value not found in 'Unit' extensible codelist	Terminology	
10	СМ		1334	CMROUTE	OTHER	CT2002	Administration Response' extensible codelist	Terminology	
11	СМ	283		CMENDTC, CMENRTPT	null, null	SD0021	Missing End Time-Point value	Consistency	
12	CM	4146		CMSTDTC	null	SD0022	Missing Start Time-Point value	Consistency	
13	СМ	2652		CMSTDTC, CMENDTC, CMENRTPT	null, 2018-10-09, null	SD0031	Missing values for CMSTDTC, CMSTRF and CMSTRTPT, when CMENDTC, CMENRF or CMENRTPT is provided	Consistency	
14	DM	121		ARMCD	null	SD0002	NULL value in ARMCD variable marked as Required	Presence	
15	DM	122		ACTARM	null	SD0002	NULL value in ACTARM variable marked as Required	Presence	
16	DM	122		ACTARMCD	null	SD0002	NULL value in ACTARMCD variable marked as Required	Presence	
17	DM	122		ARM	null	SD0002	NULL value in ARM variable marked as Required	Presence	
18	DM	122		ARMCD	null	SD0002	NULL value in ARMCD variable marked as Required	Presence	
19	DM	123		ACTARM	null	SD0002	NULL value in ACTARM variable marked as Required	Presence	
		400					NULL value in ACTARMCD variable		

Details of issues

Validation Rules



Strength and Weak

Strength and Weak

Strength

- Desktop version, so no upload of data to clouds → data protection
- Clear arrangement of information
- Easy to handle
- No specific training required to get access
- Can be run isolated from previous runs so e.g., run on mock data without data being transferred to the next run.
- Can be run separately by unblinded teams

Strength and Weak

Weak

- Missing comparison between previous P21C run to
 - check for new issues
 - Check for change in number of issues
 - Copying over comments for persistent issues
- Output can not directly be copied to the Reviewer's guide without modification

At ICON

- Separate VBA tool for comparison
- Output still needs to be amended to copy to Reviewer's Guide

Q&A / Discussion

ICON



ICONplc.com