



Abstract

It has been noticed for both v1.0 and v2.0 of Define.XML the comments are usually collapsed into one single paragraph if there is lengthy derivation for variables, which significantly reduces the readability of the file as the comments are critical information to show the traceability of the variable derivation.

Human Readability Issues of Define.XML

Before and After

Before

[illegible]

After

	<p>Set to 'Y' when [CM.CMCAT] = 'PRIOR CANCER THERAPY' and [CM.CMTRT] is not missing and none of the following ;</p> <ol style="list-style-type: none"> 1) [CM.CMCLAS] = 'ANTINEOPLASTIC AGENTS NEC' and [CM.CMDECOD] in ('APATORSSEN', 'BLINDED OGX-427', 'IXAZOMIB CITRATE', 'LAPULEUCEL-', 'MLN7243 (UAE INHIBITOR)'); 2) [CM.CMDECOD] in ('APATORSSEN', 'BLINDED OGX-427', 'IXAZOMIB CITRATE', 'LAPULEUCEL-T', 'MLN7243 (UAE INHIBITOR)'); 3) [CM.CMCLAS] = 'MONOCLONAL ANTIBODIES' and [CM.CMDECOD] = 'AGSISE (ANTI-SLRTRKS MONOCLONAL ANTIBODY-AMAAE CONJUGATE)'; 4) [CM.CMDECOD] = 'GENERIC COMBIS NOT KNOWN' and [CM.CMTRT] in ('OGX VS PLACEBO CLINICAL TRIAL, NO FURTHER DATA PROVIDED IN THE SOURCE.', 'ORAL ONCONOVA (UNKNOWN INGREDIENTS)', 'SUNPHARMACIL R 0.23 (UNK. INGREDIENTS)', 'UNKNOWN MEDICATION'); 5) [CM.CMTRT] = 'ANGIOGENESIS INHIBITORS' and CM.CMDECOD in ('BEVACIZUMAB', 'BLINDED BEVACIZUMAB'); 6) [CM.CMCLAS] = 'ANTINEOPLASTIC AGENTS NEC' and [CM.CMDECOD] in ('BLINDED OGX-427', 'CANCER VACCINE NOS', 'EPIDERMAL GROWTH FACTOR RECEPTOR INHIBITOR NOS', 'IPIILIMUMAB', 'IXAZOMIB CITRATE', 'LAPULEUCEL-T', 'MLN7243 (UAE INHIBITOR)', 'PEVONEDISTAT', 'PF-0512384 (PI3K/MTOR KINASE INHIBITOR)', 'RAMUCIRUMAB', 'REGORAFENIB', 'VELIPARIB'); 7) [CM.CMCLAS] in ('BONE MODULATING AGENTS', 'COLONY STIMULATING FACTORS'); 8) [CM.CMCLAS] = 'IMMUNOMODULATORS' and [CM.CMDECOD] in ('INTERFERON ALFA', 'INTERFERON NOS', 'LENALIDOMIDE', 'EVEROLIMUS', 'RAPAMYCN'); 9) [CM.CMCLAS] = 'MISCELLANEOUS DRUGS' and [CM.CMDECOD] = 'OGX-427'; 10) [CM.CMCLAS] = 'MONOCLONAL ANTIBODIES'; 11) [CM.CMCLAS] = 'STEROIDS' and CM.CMDECOD = 'PREDNISONE'; 12) [CM.CMCLAS] = 'TOPISOMERASE INHIBITORS' and CM.CMDECOD = 'ETOPOSIDE'; 13) [CM.CMCLAS] = 'TYROSINE KINASE INHIBITORS' 14) [CM.CMDECOD] = 'BCV VACCINE'; 15) [CM.CMCLAS] = 'VINCA ALKALOIDS';; <p>Otherwise set to 'N'.</p>
ADSL.PCHEMOFL	

Conclusion

Define.XML is meant to be both machine readable and human readable. These small tweaks greatly improve the human readability of define.XML without altering the schema file, which will definitely benefit the reviewers and may reduce the review time.