

Change label "propertyBundle" (CASE v. 0.1.0) to "hasPropertyBundle" in CASE v. 0.2.0; entails change to IRI

Date Submitted	27 Jan 2020
CP Number	008
Status	IMPLEMENTATION (PRODUCT MANAGER)
Impact	MEDIUM
Issue	ONT-201 - (CP-8) Rename "propertyBundle" label to "hasPropertyBundle" to adhere to best practices in the Style Guide IN PROGRESS
Level of Effort	LOW

CASE Version	0.1.0
Change Type	REVISION

Change Requestor

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Organization	MITRE
Member Class	Non-profit
Contributors	

Scheduling Track**

	Request (check one)	Assigned (OC Use)
COMMITTEE REVIEW – CP IS EXPECTED TO HAVE A NON-TRIVIAL EFFECT ON CASE AND/OR UCO		
FAST-TRACK – CP IMPACT IS OF MINIMAL RISK TO THE CASE ONTOLOGY	✓	✓
BUG FIX – CP IS A ZERO-RISK CHANGE TO THE CASE ONTOLOGY (E.G., CORRECTION TO SYNTAX OR SPELLING)		

** AT THE DISCRETION OF THE ONTOLOGY COMMITTEE CHAIR, ASSISTANT CHAIR, AND/OR PRODUCT MANAGER, A CHANGE PROPOSAL THAT REQUESTS BYPASSING FULL COMMITTEE REVIEW MAY BE DEEMED AS NEEDING MORE THOROUGH REVIEW AND BE PUT INTO THE FULL FORMAL COMMITTEE REVIEW PROCESS.

Justification for Change

Requirement	Practices in the CASE ontology should follow the CASE Style Guide for Documentation. Labels of ontology components should differ by more than just the upper/lower case of a letter (Style Guide, Sect. 7.5 (f)). In CASE v. 0.1.0, the class "PropertyBundle" and the property "propertyBundle" have labels that are the same except for the case of the initial letter. A revision should be made to avoid that in CASE v. 0.2.0. General ontology best practices support renaming the property to "hasPropertyBundle" (Ontology 101, Noy and McGuinness), rather than changing the name of the class.
Impact: Benefit	CASE ontology v. 0.2.0 will be aligned with CASE Style Guide best practice, as well as general ontology naming practices.
Impact: Risk	<p>This change in label entails a change in the IRI for the property, thus changing its identifier. Therefore, this change should be included in v. 0.2.0. This change is not backward-compatible with the CASE prototype (0.1.0); however, backward-compatibility is not an issue for version zero, in accordance with the guidance in "Shared software development practices between UCO and CASE", which follows Semantic Versioning 2.0.0. Therefore, there is minimal risk to the CASE ontology.</p> <p>Note: Backwards compatibility of v. 0.2.0 changes with 0.1.0 is not a unique impact of this CP. Other required changes (e.g., removal of copied UCO concepts from CASE namespace) will also make v. 0.2.0 not backward-compatible with v. 0.1.0.</p>

Description of Change

Details of Change	The affected ontology component is the property "propertyBundle". The label (rdfs:label) for the property will change from "propertyBundle" in v. 0.1.0 to "hasPropertyBundle" in v. 0.2.0. This will also change the terminal segment of the property's identifier.
GitHub Proposal Encoding File	https://github.com/casework/CASE/commit/513431ae07cf5186f85d075600806ef722f4a603#diff-835a7a95b623282f4f4bcf96fed8
GitHub Supporting File(s)	
Other Supporting File(s)	<p>(1) "Style Guide for Documentation of the CASE Ontology" (Style Guide on Ontology Committee Google Drive).</p> <p>(2) UCO and CASE shared development practices (https://caseontology.org/resources/downloads/UCO%20and%20CASE%20SharedDevelopment%20Practices%20v1.0.pdf).</p> <p>(3) "Ontology 101" guidelines (see https://protege.stanford.edu/publications/ontology_development/ontology101.pdf), Sect. 6.3 on and suffix conventions; but CASE will use camel-case rather than hyphens.</p>

Relevant data

Action items

☒ Add GitHub proposal encoding file. [Deborah Nichols]

Outcome

Summary of Actions & Dates

(Ontology Committee Use Only)

Initially Received by OC Date	27 Jan 2020
Accepted as Complete Date	30 Jan 2020
Distributed for OC Review Date	30 Jan 2020

Designated Special Reviewer(s)	None - whole Ontology Committee.
Review Comments Deadline**	11 Feb 2020
Link to Comment Matrix	https://docs.google.com/spreadsheets/d/1OV0DYeueheyndYmBc2Ykf-9_dvPMBPtl/edit
Date & Result of Requirements Review (OC)	11 Feb 2020
(Y) Assigned for Development Date	11 Feb 2020
(N) Rejected (Reason)	
Solution Development Start Date	30 Jan 2020
Solution Development End Date	30 Jan 2020
Date & Result of Solutions Approval (OC)	
(Y) Assigned for Implementation Date	11 Feb 2020
(N-R) Returned for Revisions	
(N-X) Rejected	
Implementation Start Date	01 Apr 2020
Implementation Completion Date (publication of revised ontology and official documentation)	01 Apr 2020

** 30 DAYS BEFORE DISTRIBUTION