Evaluation of Australian Climate Observations Reference Network - Surface Air Temperature Dataset (ACORN-SAT) RDF Data Sets

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Abstract. Evaluation of Australian Climate Observations Reference Network - Surface Air Temperature Dataset (ACORN-SAT) RDF Data Sets

Keywords: RDF Validation, RDF Constraints, DDI-RDF Discovery Vocabulary, Disco, RDF Data Cube Vocabulary, Linked Data, Semantic Web

1 Data Model Consistency

				(Con	str	ain	ts			
a Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	$\mid DATA-MODEL-CONSISTENCY-03$	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
tp://lab.environment.data.gov.au/sparql	✓	8	✓	✓	✓	✓	✓	✓	<u> </u>	-	<u> </u>

Table 1: Evaluation of http://lab.environment.data.gov.au/sparql

2 Existential Quantifications

Pata Sets

Table 2: Evaluation of http://lab.environment.data.gov.au/sparql

3 Cardinality Restrictions

	.02 :-01
ta Sets	MINIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-02 MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01 EXACT-UNQUALIFIED-CARDINALITY-RESTRICTIONS-01 EXACT-QUALIFIED-CARDINALITY-RESTRICTIONS-02

Table 3: Evaluation of http://lab.environment.data.gov.au/sparql

4 Structure



Table 4: Evaluation of http://lab.environment.data.gov.au/sparql

5 Further Constraints