

Sur la première question :

Comment représenter des connaissances sémantiques spatio-temporelles en utilisant les standards du web sémantique ?

Mots clefs : *temporal, spatial, dimension, RDF, RDFS, OWL, semantic, representation, model*

#	En ma possession	Titre	Année	Citations	Editeur
1	Oui	Un modele semantique spatio-temporel pour capturer la dynamique des environnements (https://hal.inria.fr/file/index/docid/941773/filename/Benjamin_Harbelot_-_un_modA_le_sA_mantique_spatio-temporel_pour_capturer_la_dynamique_des_environnements.pdf)	2014	-	-
1,1	Oui	Continuum: a spatiotemporal data model to represent and qualify filiation relationships (https://hal.archives-ouvertes.fr/hal-00869861/document)	2013	2	-
2	Oui	Representing and Querying Validity Time in RDF and OWL: a Logic-Based Approach (http://www.sciencedirect.com/science/article/pii/S1570826811000953)	2012	34	Elsevier
3	Oui	Towards a unifying approach to representing and querying temporal data in description logics (http://dl.acm.org/citation.cfm?id=2415113.2415123&coll=DL&dl=GUIDE&CFID=456235718&CFTOKEN=97190149)	2012	12	ACM
4	Oui	Imposing restrictions over temporal properties in OWL: a rule-based approach (http://dl.acm.org/citation.cfm?id=2402106.2402130&coll=DL&dl=GUIDE&CFID=456235718&CFTOKEN=97190149)	2012	2	ACM
5	Oui	Light-weight Ontology Versioning with Multi-temporal RDF Schema (http://www.thinkmind.org/download.php?articleid=semapro_2011_2_30_50102)	2011	2	-
6	Non	A Method for Representing and Querying Temporal Information in OWL (http://link.springer.com/chapter/10.1007/978-3-642-18472-7_8)	2011	32	Springer Verlag
7	Oui	SOWL: A Framework for Handling Spatio-Temporal Information in OWL PhD thesis, Technical University Of Crete, 2011 (http://people.few.eur.nl/frasincar/workshops/is-swis2013/Presentations/is-swis2013-3.pdf http://www.defeasible.org/ruleml2011ijcai/files/Batsakis.pdf http://www.intelligence.tuc.gr/lib/downloadfile.php?id=403)	2011	-	-
8	Oui	Integrated Ontologies for Spatial Scene Descriptions. (http://www.intelligence.tuc.gr/~petrakis/publications/BaPe09.pdf)	2011	1	-
9	Oui	Representing Temporal Knowledge in the Semantic Web: the Extended 4d-fluents Approach (http://www.intelligence.tuc.gr/lib/downloadfile.php?id=365)	2011	4	-
10	Oui	TOWL : Integrating time in OWL (http://people.few.eur.nl/frasincar/papers/SWIM2010/swim2010.pdf)	2010	18	-
7,1	Oui	SOWL: spatio-temporal representation, reasoning and querying over the semantic web (http://dl.acm.org/citation.cfm?id=1839726)	2010	33	ACM

7,2	Oui	SOWL: Representing Spatio-Temporal Information in OWL (http://www.google.fr/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0CCMQFjAA&url=http%3A%2F%2Fwww.intelligence.tuc.gr%2F~petrakis%2Fpublications%2FBaPe10.pdf&ei=BaxoVIGQF4bbPPqrgMAN&usg=AFQjCNEmqRvBZWwvy9HBbq8qXIe1LmaVHA&sig2=9ms3gy-GySAQ5yQ5QpQ4jQ)	2010	1	
11	Oui	Modeling and querying metadata in the semantic sensor web: the model stRDF and the query language stSPARQL (http://dl.acm.org/citation.cfm?id=2176871.2176904&coll=DL&dl=GUIDE&CFID=455157492&CFTOKEN=75156273)	2010	55	ACM
12	Oui	On the Representation of Temporally Changing Information in OWL (http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&sqi=2&ved=0CCIQFjAA&url=http%3A%2F%2Fwww.inf.ufes.br%2F~gguizzardi%2FVORTE_2010_VZGG.pdf&ei=Y55oVLWkH8HAOY3HgKgO&usg=AFQjCNGFyutMODJKpaSvfVhLN76UjIEaGQ&sig2=7FMLY_IjATxZSU37kG89ZA)	2010	13	IEEE
13	Non	STOWL: An owl extension for facilitating the definition of taxonomies in spatio-temporal ontologies (http://link.springer.com/chapter/10.1007/978-3-642-04754-1_35)	2009	2	Springer Verlag
14	Oui	Easing the Definition of N-Ary Relations for Supporting Spatio-Temporal Models in OWL (http://link.springer.com/chapter/10.1007/978-3-642-04772-5_36)	2009	10	Springer Verlag
15	Non	A temporal description logic based access control model for expressing history constrained policies in semantic web (http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5197399)	2009	3	IEEE
16	Oui	Multi-temporal RDF ontology versioning (http://ceur-ws.org/Vol-519/grandi.pdf)	2009	9	
17	Non	An Ontology of Time: Representing Complex Temporal Phenomena for the Semantic Web and Natural Language (http://dl.acm.org/citation.cfm?id=1414820)	2009	30	ACM
18	Oui	Scaling RDF with time (http://om.umiacs.umd.edu/material/papers/trdf.pdf)	2008	45	ACM
19	Oui	Temporal views over rdf data (http://dl.acm.org/citation.cfm?id=1367691)	2008	2	ACM
20	Oui	Traveling the Semantic Web through Space, Time, and Theme (http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4463390)	2008	46	IEEE
20,1	Oui	Supporting Complex Thematic, Spatial and Temporal Queries over Semantic Web Data (http://link.springer.com/chapter/10.1007/978-3-540-76876-0_15)	2007	21	Springer Verlag
21	Oui	A framework to support spatial, temporal and thematic analytics over semantic web data (http://dl.acm.org/citation.cfm?id=1559037&coll=DL&dl=GUIDE&CFID=455157492&CFTOKEN=75156273)	2008	38	ACM
22	Oui	Representing Spatio-temporal Information for Web Pages (http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=4624215&queryText=%3Dtime+location+semantic+Web) *** INTERESSANT ***	2008	1	IEEE
23	Oui	Versioning OWL ontology using temporal tags	2007	2	

		(http://waset.org/publications/12579/versioning-owl-ontologies-using-temporal-tags-)			
10,1	Oui	An OWL-Based Approach Towards Representing Time in Web Information Systems (** TOWL **) (http://people.few.eur.nl/milea/papers/wism2007.pdf)	2007	19	-
24	Oui	A RDF and OWL-based temporal context reasoning model for smart home (http://www.docsdrive.com/pdfs/ansinet/itj/2007/1130-1138.pdf)	2007	26	-
25	Oui	Introducing time into RDF (http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=4039284&queryText%3DRDF+temporal)	2006	143	IEEE
26	Oui	Time Ontology in OWL. W3C Working Draft (http://www.w3.org/TR/owl-time/)	2006	-	
27	Oui	A Reusable Ontology for Fluents in OWL (http://www.comp.leeds.ac.uk/brandon/FOIS-06/CRC/Part-5/20_fois06.pdf)	2006	100	-
28	Oui	Representing Qualitative Spatial Information in OWL-DL (http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.416.5973)	2005	51	CiteSeer
29	Oui	A RDF-based model for expressing spatio-temporal relations between Web sites (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=1181671&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D1181671)	2002	25	IEEE
25,1	Oui	Temporal RDF (http://www.dcc.uchile.cl/cgutierrez/papers/temporalRDF.pdf)	2005	103	
30	Non	Applied Temporal RDF: Efficient Temporal Querying of RDF Data with SPARQL (http://link.springer.com/chapter/10.1007/978-3-642-02121-3_25)	2009	79	Springer Verlag

ACM : 292 (spatio-temporal OWL semantic model / spatio-temporal RDF semantic model)

IEEE : 4 / (spatio-temporal OWL semantic model / spatio-temporal RDF semantic model)

Springer : 162 (spatio-temporal RDF OWL)

Sur la seconde question :

Comment contextualiser la gestion d'une BdC ?

Mots clefs : *contextualization, ontology, knowledge, dimension, modeling*

#	En ma possession	Titre	Année	Citations	Editeur
31	Oui	A multi-dimensional ontology-based IoT resource model (http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6933527&queryText%3DA+multi-dimensional+ontology-based+IoT+ressource+model)	2014	-	IEEE
32	Oui	Toward applying dimensions to ontology (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6339917&url=http%3A%2F%2Fieeexplore.ieee.org%2Fstamp%2Fstamp.jsp%3Ftp%3D%26arnumber%3D6339917)	2012	-	IEEE
32,1	Oui	A Protégé Plug-In for Modeling Dimensional Ontology (http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5254548&queryText%3DA+Protégé+Plug-In+for+Modeling+Dimensional+Ontology)	2009	-	IEEE
33	Oui	YAGO2: exploring and querying world knowledge in time, space, context, and many languages (http://dl.acm.org/citation.cfm?id=1963296)	2011	150	ACM
34	Oui	Simple reasoning for contextualized RDF knowledge (https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=7&ved=0CGIQFjAG&url=https%3A%2F%2Fdkm-static.fbkc.eu%2Fresources%2Fimages%2Fc%2Fc6%2FJoseph.pdf&ei=0htlVN3XLcGS7Abcs4GYBA&usq=AFQjCNEs6-_woIboC_J4BA7-1GAVEYSROQ&sig2=HHPu2gbAisYK73bCXncjYg&bvm=bv.79189006,d.ZGU)	2011	8	-
35	Oui	Contextualized knowledge repositories for the semantic web (http://www.sciencedirect.com/science/article/pii/S157082681100103X) ==> Conclusion : usage of named graphs	2010	37	Elsevier
35,1	Oui	Modeling contextualized knowledge (http://www.inf.unibz.it/krdp/events/swap2010/paper-12.pdf)	2010	16	-
36	Oui	Adding Temporal Dimension to Ontologies via OWL Reification (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5298770&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D5298770)	2009	3	IEEE
37	Oui	A Context-Based Architecture for RDF Knowledge Bases: Approach, Implementation and Preliminary Results (http://link.springer.com/chapter/10.1007/978-3-540-72982-2_15)	2007	9	Springer
38	Oui	Contextualization of a RDF knowledge base in the VIKEF project (http://link.springer.com/chapter/10.1007/11931584_13)	2006	6	Springer
38,1	Oui	Introducing Context into RDF Knowledge Bases (http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.60.6235)	2005	18	citeSeer
39	Oui	RDF and Contexts: Use of SPARQL and Named Graphs to Achieve Contextualization (http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.131.1549)	2006	1	citeSeer
40	Oui	C-OWL: Contextualizing ontologies (http://eprints.biblio.unitn.it/530/1/013.pdf)	2004	201	-

41	Oui	Ontology based context modeling and reasoning using OWL (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&number=1276898&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D1276898)	2004	987	IEEE
42	Oui	Ontology Versioning on the Semantic Web. (http://secs.ceas.uc.edu/~mazlack/ECE.716.Sp2011/Semantic.Web.Ontology.Papers/klein01ontology.pdf)	2001	319	
43	Oui	LODE : Linking Open Descriptions of Events (https://escholarship.org/uc/item/4pd6b5mh.pdf)	2009	117	Springer Verlag
44	Oui	NiceTag Ontology: tags as named graphs (https://hal.inria.fr/hal-00434129/document)	2009	15	INRIA
45	Oui	Towards A Spatiotemporal Event-Oriented Ontology (http://www.researchgate.net/publication/228584521_Towards_A_Spatiotemporal_Event-Oriented_Ontology/file/3deec5209abbd59521.pdf)	2008	2	
46	Oui	A Survey Of Context Modeling And Reasoning Techniques (http://dl.acm.org/citation.cfm?id=1755484)	2010	564	ACM
47	Oui	A Context Modeling Survey (http://citeseer.ist.psu.edu/viewdoc/summary?doi=10.1.1.2.2060)	2004	1209	CiteSeer
48	Oui	Contexts for the semantic web (http://link.springer.com/chapter/10.1007%2F978-3-540-30475-3_4)	2004	162	Springer Verlag

Publications / pages html / livres en lien avec les questions

#	En ma possession	Titre	Année	Citations	Editeur
49	Oui	Semantic Web for the Working Ontologist: Effective Modeling in RDFS and OWL http://books.google.fr/books?hl=fr&lr=&id=_qGKPOIB1DgC&oi=fnd&pg=PP2&dq=RDFS&ots=-ZfiHYxJmN&sig=fsjpdSt8rRVkTjOc6XOr9uclqgQ	2011	601	-
	Oui	Triplesets : Tagging and Grouping in RDF Datasets http://www.ontotext.com/documents/publications/2010/next-RDF-triplesets-pres.PDF	2010	2	-
49	Oui	Defining N-ary Relations on the Semantic Web http://www.w3.org/TR/swbp-n-aryRelations/	2006	-	-
50	Oui	Named graphs, provenance and trust http://dl.acm.org/citation.cfm?id=1060835	2005	515	ACM
	Oui	Named Graphs http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=5&ved=0CEMQFjAE&url=http%3A%2F%2Fmail.websemanticsjournal.org%2Findex.php%2Fps%2Farticle%2Fdownload%2F76%2F74&ei=CjdIVIKXM8Lsauq0gOAL&usg=AFQjCNHAsB7zKB0mrBJKkMfhZl2J1Fctiw&sig2=6DCPxWZkv0gEAF9EeP4Tjg&bvm=bv.79189006,bs.1,d.ZGU	2005	172	-
	Oui	Name that graph http://www-sop.inria.fr/members/Fabien.Gandon/docs/NameThatGraph/NameThatGraph_GandonCorby.pdf			INRIA
	Non	The Resource Description Framework (RDF) and its Vocabulary Description Language RDFS http://link.springer.com/chapter/10.1007/978-3-540-24750-0_3	2004	90	Springer Verlag
	Oui	OWL Web Ontology Language Overview http://202.119.112.136/pweb/~zhuoming/teachings/MOD/N4/Readings/5.3-B1.pdf	2004	3597	-
	Oui	Hayes, P.: RDF Semantics, http://www.w3.org/TR/rdf-mt/			
	Oui	Temporal Description Logics: A Survey http://www.informatik.unibremen.de/tdki/research/papers/2008/LuWoZa-Time08.pdf	2008	117	-
	Oui	Description logics with concrete domains-a survey. http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.10.6936	2003	146	citeSeer

Resultats connexes sur les modeles de donnees spatio-temporelles

#	En ma possession	Titre	Année	Citations	Editeur
51	Oui	Conceptual Modeling Techniques for Spatiotemporal Applications (http://www.csse.monash.edu.au/~srini/theses/Rosanne_Thesis.pdf)	2001	1	
52	Oui	Literature Review of Spatio-Temporal Database Models (http://pdf.aminer.org/000/339/016/database_conceptual_modeling_f_or_integrating_e_a_model_and_e.pdf)	2004	180	
53	Oui	Conceptual Models for Spatio-temporal Applications (http://www.spatial.cs.umn.edu/CS8715/STD13_chrono.pdf)	2003	34	
54	Oui	Qualitative spatial representation and reasoning (http://www.researchgate.net/publication/210304629_Handbook_of_knowledge_representation/file/5046352bcbbb4c4e97.pdf#page=577)	2008	227	
	Oui	Handbook of Knowledge Representation (http://bibotu.com/books/2013/History%20and%20Philosophy%20of%20Science/Harmelen%20-%20Handbook%20of%20Knowledge%20Representation%20(Elsevier,%202008).pdf)	2007	234	