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# Towards A Semantic Web Connecting Knowledge In Academic Research

**towards semantic interoperability for electronic health ...** - towards semantic interoperability for electronic health records: domain knowledge governance for openehr archetypes sebastian garde1, petra knaup2, evelyn j.s. hovenga1, sam heard1, 3 1 central queensland university, health informatics research group, faculty of business and informatics, melbourne vic and rockhampton qld, australia **towards a semantic, deep archival file system** - towards a semantic, deep archival file system mallik mahalingam, chungqiang tang, zhichen xu † hewlett-packard laboratories 1501 page mill rd, palo alto, ca94304, usa {mmallik, chungqian, zhichen}@hpl.hp † author names in alphabetical order abstract we advocate the need for integrating semantic information into a file system. we demonstrate **towards semantic trajectory data analysis: a conceptual ...** - towards semantic trajectory data analysis: a conceptual and computational approach \* zhixian yan supervised by prof. stefano spaccapietra epfl - swiss federal institute of technology lausanne, switzerland zhixian.yan@epfl abstract thanks to the rapid development of gps mobile and wire-less sensing technologies, the large-scale capture of ... **towards semantic web information extraction** - the approach towards semantic web information extraction (ie) presented here is implemented in kim - a platform for semantic indexing, annotation, and retrieval. it combines ie based on the mature text engineering platform (gate1) with semantic web-compliant knowledge representation and management. **towards building the semantic map from a monocular camera ...** - towards building the semantic map from a monocular camera with a multi-task network lei fan 1, yucaí bai2, ziyu pan and long chen abstract—in many robotic applications, especially for the autonomous driving, understanding the semantic information and the geometric structure of surroundings are both essential. **towards a semantic model for textual entailment annotation** - towards a semantic model / 119 modeled but intervene in the analysis of these phenomena, such as the inference last president ! former president in example 1 are annotated using shallow textual alignment.8 in its current stage, this work is only at the beginning of implementing the theoretical semantic model using an annotation platform **towards semantic web portals** - towards semantic web portals michael stollberg, holger lausen, rubén lara, ying ding, sung-kook han, dieter fensel deri - digital enterprise research institute leopold-franzens universität innsbruck technikerstraße 13, a-6020 innsbruck, austria tel.: 0043-512-5076488 **towards deep semantic analysis of hashtags - arxiv** - towards deep semantic analysis of hashtags 3 3 system architecture in this section, we present an overview of our system. we also describe the features extracted, followed by a discussion on training and learning procedures **towards geospatial semantic search: exploiting latent ...** - towards geospatial semantic search: exploiting latent semantic relations in geospatial data wenwen lia\*, michael f. goodchildb and robert raskinc ageoda center for geospatial analysis and computation, school of geographical science and urban planning, arizona state university, tempe, az, usa; bcenter for spatial studies (spatial@ucsb), university of california, santa barbara, ca, usa; cnasa ... **towards semantic slam using a monocular camera** - towards semantic slam using a monocular camera javier civera, dorian g ´alvez-l opez, l. riazuelo, juan d. tard ´os and j. m. m. montiel ´ abstract—monocular slam systems have been mainly fo-cused on producing geometric maps just composed of points or edges; but without any associated meaning or semantic content. **towards semantic knowledge propagation from text corpus to ...** - towards semantic knowledge propagation from text corpus to web images guo-jun qi†, charu aggarwal‡ and thomas huang† †department of electrical and computer engineering, university of illinois at urbana-champaign 1406 w. green st., urbana, il 61801 **towards semantic data mining - ceur-ws** - towards semantic data mining 5 3 conclusion and future work in this paper, we introduce semantic data mining, an area we envision emerging as the solution to systematic incorporation of domain knowledge in data mining with the help of the semantic web technologies. we also recognize that vast **towards semantic iot, onem2m base ontology - etsi** - towards semantic iot, onem2m base ontology dr. mahdi ben alaya founder & ceo, sensinov benalaya@sensinov sensinov october 23, 2017 **towards a semantic web for culture - tdl** - towards a semantic web for culture kim h. veltman maastricht mcluhan institute po box 616 maastricht md 6200, netherlands kltman@mmi.unimaas contents 1. introduction 1.1. world wide web 1.2. sowa’s knowledge representation 1.3. five issues 1.4. greek principles 1.5. causes, substance, and accidents 2. substance to function **towards a semantic web of community, content and interactions** - towards a semantic web of community, content and interactions 5a. contract number 5b. grant number 5c. program element number 6. author(s) 5d. project number 5e. task number 5f. work unit number 7. performing organization name(s) and address(es) carnegie mellon university, school of computer science, pittsburgh, pa, 15213 8. performing organization ... **towards semantic social networks - springer** - towards semantic social networks jason j. jung1 and j ´er ´ome euzenat2 1 department of computer and information engineering, inha university incheon, republic of korea 402-751 2 inria rh ´one-alpes & lig, montbonnot, france j2jung@intelligent, jeromezenat@inrialpes abstract. **towards weakly supervised semantic segmentation by means ...** - towards weakly supervised semantic segmentation by means of multiple instance and multitask learning. alexander vezhnevets joachim m. buhmann eth zurich 8092 zurich, switzerland

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falexanderzhnevets,jbuhmann@infhz abstract we address the task of learning a semantic segmentation from weakly supervised data. our aim is to devise a sys- **towards semantic model extensibility - inteross** - towards semantic model extensibility in interoperable iot data exchange platforms yulia svetashova (robert bosch gmbh, kit), stefan schmid (robert bosch gmbh), **towards a semantic web of relational databases: a ...** - towards a semantic web of relational databases: a practical semantic toolkit and an in-use case from traditional chinese medicine huajun chen 1, yimin wang2, heng wang1, yuxin mao , jinmin tang 1, cunyin zhou , ainin yin3, and zhaohui wu 1 college of computer science, zhejiang university, hangzhou, 310027, china {huajunsir,paulwang,maoyx,jmtang981,02rjgczcy,wzh}@zju **geoffrey n. leech, towards a semantic description of ...** - geoffrey n. leech, towards a semantic description of english. london: longman, 1969. pp. 277. geoffrey leech's towards description a semantic of english, a revision of the author's university of london ph.d. thesis, is a book which imposes a considerable demand on its readers, a demand which i believe not every student of **towards semantic file system interfaces - organise-fw** - towards semantic file system interfaces sebastian faubel student of computer science georg-simon-ohm hochschule nuremberg, germany sfaubel@users.sf christian kuschel student of computer science georg-simon-ohm hochschule nuremberg, germany ckuschel@users.sf abstract in this paper, we present our hypothesis that transition to **towards adaptive semantic subscriptions for stream ...** - towards adaptive semantic subscriptions for stream reasoning in the robot operating system daniel de leng fredrik heintz abstract—modern robotic systems often consist of a growing set of information-producing components that need to be ap-properly connected for the system to function properly. this **towards unified depth and semantic prediction from a ...** - towards unified depth and semantic prediction from a single image peng wang1 xiaohui shen 2zhe lin scott cohen 2brian price alan yuille1 1university of california, los angeles 2adobe research abstract depth estimation and semantic segmentation are two fundamental problems in image understanding. **towards automatic semantic labelling of 3d city models** - towards automatic semantic labelling of 3d city models ... abstract: the lack of semantic information in many 3d city models is a considerable limiting factor in their use, as a lot of applications rely on semantics. such information is not always available, since it is not collected at all times, it might be lost due to data transformation, or ... **towards automatic semantic segmentation in volumetric ...** - towards automatic semantic segmentation in volumetric ultrasound xin yang 1, lequan yu , shengli li2,xuwang3,nawang3, jing qin4, dong ni3(b), and pheng-ann heng1,5 1 department of computer science ... **towards semantic process mining through knowledge-based ...** - towards semantic process mining through knowledge-based trace abstraction s. montani (1), m. striani (2), s. quaglioni (3), a. cavallini (4), g. leonardi (1) (1) disit, computer science institute, universit a del piemonte orientale, alessandria, italy (2) department of computer science, universit a di torino, italy **towards semantic integrity in relational databases - springer** - towards semantic integrity in relational databases 293 5.1 abstracting permissions during design-time business artifacts will be modelled as objects in the system. these objects represent specific domain knowledge and have application specific semantics. this allows for the modeling of permissions that are specific to our domain of discourse. **towards semantic composition of arabic: a -drt based approach** - towards semantic composition of arabic: a  $\lambda$ -drt based approach bassam haddad† and mustafa yaseen† petra university† amman, jordan bhaddad@go myaseen@ammanu abstract **towards(semantic(search(andinference(in ... - koopman** - australasian!medical!journal![amjoffice!use!only]! towards(semantic(search(andinference(in(electronic(medical(records:(an(approachingconcept