

Naiioe-ane ioeeaeoe eiiieaenfa enoide-ane eno-ieeia

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The paper deals with the problems of semantic publications of historical records on the basis of Semantic Web technologies. Such publications provide the texts of historical records in Internet with metadata (additional information). In the field of historical research, different ontologies can be used in order to represent information of historical records as well as metadata related to them. However, the authors of the paper have developed a specific (original) mode of representation of data retrieved from historical records that is focused on the links between evidences retrieved from diverse historical records. Hence, historical events are constituted as systems of relations between different historical objects, which are described in historical sources, and semantic publications should reveal these relations in order to provide researchers with appropriate tools of historical source criticism.

Ca iineaaiea iafieuei eao a naye n oediee alaaiaea ooiieiae Naiioe-aneia Aaa [Shadbolt et al 2006] oolei «naiioe oaeuoa a naoe Eioaia, niaaaiua iieieoaeui eioiaoeiui nei, a aeie-oi noaiae iieieoaeui niue oaeuoa a oioe-aeiaae, eopuee aiue oaeu. Iieieuee ciaey e oae epaae, iadaupueony e naiioe-aneie ioeaeaeoyi, oaciua, iieiaiea naiioe-aneee aniaeoia oaeuoa ai iieoiaiey eiae-aneee eioioeoe. Yoi ieaiae e nouaaoaiui oace-eyi a iieiaa oae ioeaeaeoe – yaeoioia iao-iua eodiae [Shotton 2009] e oedioia aeaeioae [Baruzzo et al 2009]. Aiea aa Aaad. naiioe, eioia iaepraony a iadaiaiuo iiaeoae: enieuciaiea eioieeioaiuo neiaae oadieia, niaaaiuo eia e aa «noaueo-iaaeo-iaaeo» e, iaieia, auaeiaea a oaeuoa eadadoe niueiauo aeiea e ioieiee iaeao ieie. Anee a iadaia iaeuoa, a ai aoiu nee-aa iadaoony naiioe-aneay naou aeioa oaeuoa, auaeapuay ciaey i ai, oi oadee iaoia iiaia i ioeaeaeoe, caep-aony, ai-iaiuo, a danoeiee acieieia e ooe-aeiee e-anoaa iieiea eioiaoe. Ai-aioiu, iyaey aeuiaeoe enieaiaiee n iuuup iioaod aoiuae-aneia auiaa. A naye n yoe i-aiu calai-eaie auaeaeo iadieeoa iaeioia enieaiaiey ia yoo oai oaa nouaioaop [Mirzaee et al 2005, Ahonen and Hyvonen 2009], iaiee iauaieioia eio ioeaeaeoe yaepony iioieiee, eioia iiao aeaeieciaiuyne a oediee iaaaeo – io iioiuo oadieieae-aneee neiaa ciaey i iaaiaioiee iaeuoa a aeaa eanfia, iauaeoia, iioaiee, iadaie-aeie, eiae-aneee iaae «ane-oi», e o.a. Ca iineaaiee enoieae e eno-ieeiaaiaea. A e-anoaa iaeiaea oadiaoaiie e oiaaoneueie -anoi daniaoeaeoony iioieie CIDOC enoide-aneee niauee n iadieiee, eo dieie, aiaaaoe-aneiee ianoaie, iiaioaie e iaeiaie adiaie [Doerr 2003]. Ia yoe i oee oae [Ide and Woolner 2007, Pasin 2007], eioia iafaeiee niaueeie-iaioeioiaiuue iaoia. Aaioaie noauee au e enoide-aneee ciaiee, a eioia niauee auoiaap ia oaeie naoe, a oieuee aa nayeie, iieaaiuee naeaoaeuoaie eno-iee ioeaeaeoe ia iiaa iioieiee, caieiaiuo a oiaoa RDF eee OWL, aeaeony aiaieui adadaiue aeie. Iyoi aeoaeeui yae: naiioe-aneee Wiki-neia. Iaeaaic oadiaoaiue aeey Wiki acieieiee daniaaiaiee niaaiey e oaeaeoioaiey Aa-noa naiioe-aneee neie. Oae, Semantic MediaWiki (SMW) iaaioaayao niaueeiuo niaaiaa oioiaiee oaciuee ae auaeia et al 2007]. Oaci-aiuee oaeie iadaiee oaeuoa auou iadaiaiaa ia iad «oaeia» (oaeiaa a oiaoa RDF). Aoaay iia: yuea – ACE (Attempto Controlled English). Oaeuoa ia oaeie yuea iao auou iadaiaa a oioiee iaeioia iiaieae eiae-aneee auia n iuuup eioaioaioia yuea eiae-aneee au-eieiee Prolog [Kuhn 2009]. Ae ioaiee acieieiee naiioe aeioiaia i enoiee Aiaaada [Eaia e Eociaia 2003]. A naye n oai, oi Wiki-neia iaeioeioia ia niaaiaiee yue, a adiaioeioe oaeuoa ioeieiee enieuee oioiaiuo oiaieeiee ia iiaa niaaiaiee oieiee aeoaeeo. Iaeaa-aiay o iaeioia adoea adaeoioe eno-iee – iadieia, oaeiaiey ia adanae e ioiaaeoae aeioiaia, nuuee a oaeuoa ia «iadaeapueeay» oaeuoa oaaiaio, a oaeae niaaeioy aiaoa nooeoioie e naiioe-aneep oaciuee, enieuee X naiioe-aneee ioeaeaeoe enoide-aneee eno-iee iaeae enieuee auony iiea oieuee aeey o-aiuo oaeae. Ae iieioiaioe ioa neiaio. xoi ae eanpuee AceWiki, oi adaeoaeui niaaiaa ACE iaeaeiee iaeiaiee niaaiee n acieieiee SMW a nee oaeuoa aeioiaia iaeaeiey acieieiee eue -anoe-i. Acieieiee aeueiaee enieuee oaeiee iadaiaa ae naiioe-aneia iieieeiee iiaaioaioa adoea adaeiee aeia (1656–1666). O.1,2. Aaiaiee, 2003. Ahonen and Hyvonen 2009 Publishing Historical Texts on the Semantic Web – A Case Study // Proceedings of the Third IEEE International Conference on Semantic Computing (ICSC2009). Berkeley, 2009. Pp. 167-173. Baruzzo et al 2009. Baruzzo A. et al. Toward Semantic Digital Libraries: Exploiting Web2.0 and Semantic Services in Cultural Heritage // Journal of Digital Information. 2009. 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