



Processing Temporal Information in Legal Texts

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Research Idea

An event-based representation of judgments facilitates the understanding of legal documents to both layman and legal practitioners by allowing, among others, the generation of:

Resources created

- Añotador: temporal tagger for Spanish and English used to find *when* things happen.
- WhenTheFact: service that finds relevant events in legal texts, including what happened and who did it.

- Timelines
- **Event-based summaries**
- Pattern-based analysis of judgments
- **Question Answer systems**
- Many more!

We find the temporal expressions in a legal text

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On 5 March 2010, Mr Costeja González, a Spanish national resident in Spain, <u>lodged</u> with the AEPD a complaint against La Vanguardia Ediciones SL, which publishes a daily newspaper with a large circulation, in particular in Catalonia (Spain) ('La Vanguardia'), and against Google Spain and Google Inc. (...)

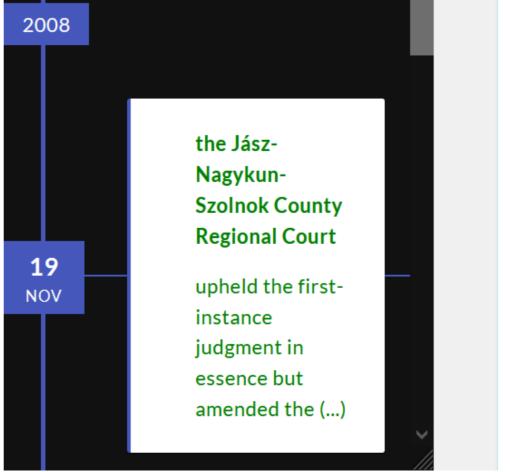
- FromTimeToTime: suite of tolos for temporal representation including information an ontology and a format converter.
- including Several corpora, TempCourt, **EventsMatter** and the **Hourglass** corpus.

The service finds the events and allows to navigate through the decision building a timeline

When the Fact	Q http://hudoc.echr.coe.int	/eng?i=001-173800	Source: ECHR V			(?) Help	Events	Timeline	^
		agreement. It appe	ars from the case file that	the applicant co	ould exercise co	ntact between	10 July 2007	and 10	
10 JUL	the applicant could exercise	amount of child allow 12. The applican stabilise the relation	Ms N.R. brought an action wance . In a counterclaim the nt also filed a criminal comple nship between the applicant he Szolnok District Court or	e applicant requeste laint against Ms N.I and his daughter d	ed that the cr R. alleging c during the su	What - Proced What - Circum When		the ot to /ere :tion	

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By decision of 30 July 2010, the AEPD rejected the complaint in so far as it related to La Vanguardia (...)

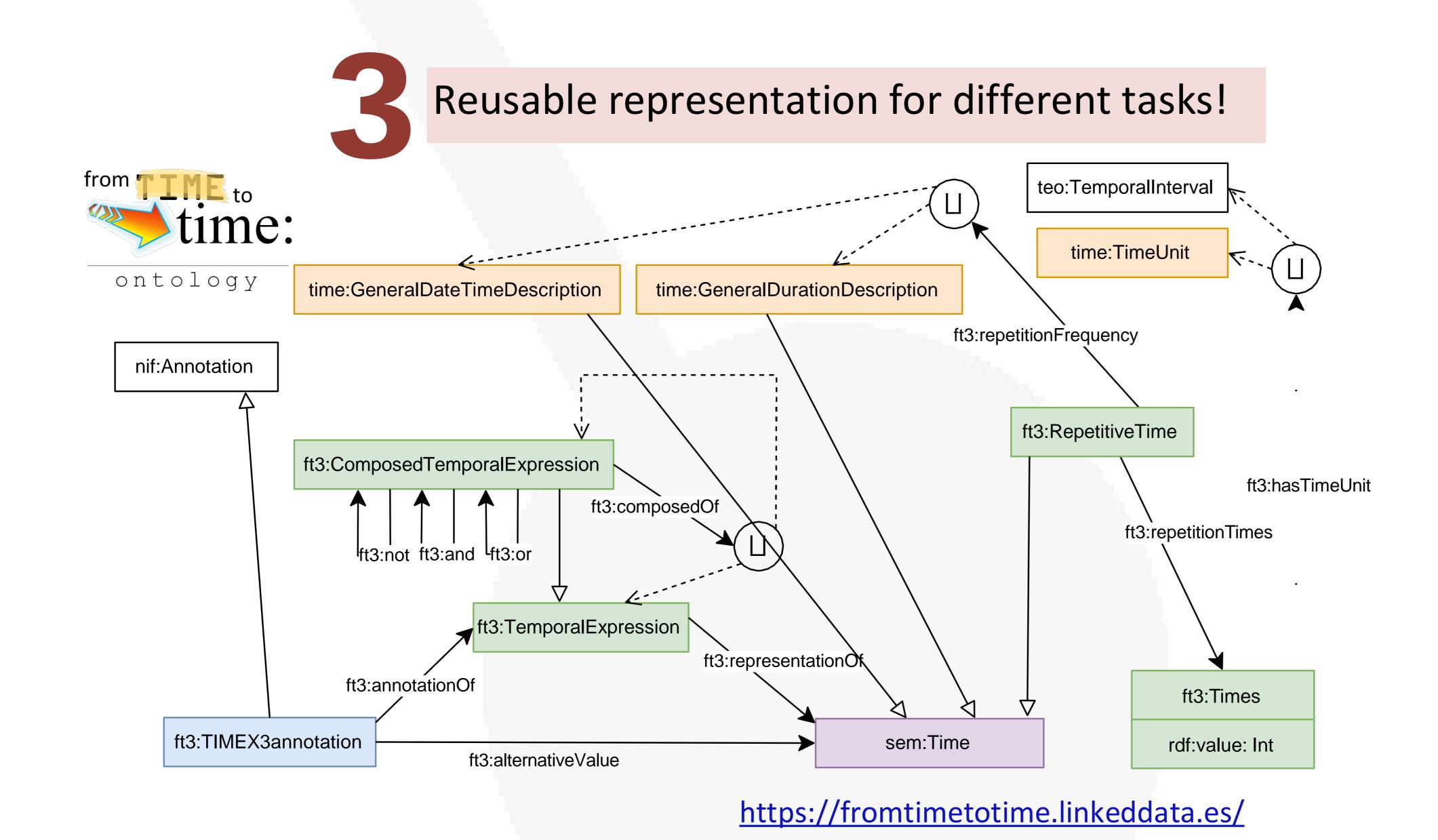


centre Who 13. In a judgment of 10 June 2008 the Szolnok District Court reduced ⊴r to every first and third Saturday of the month from 9 a.m. to 6 p.m. It held that the previously agreed form of contact was unlikely to be implemented and would only lead to further proceedings before the guardianship authority, which would be to the detriment of the child. The court based its judgment on an expert opinion finding that the child should have had an adaptation period to re-establish her relationship with her father. The court dismissed the applicant's claim concerning custody, stating that the child's wishes had to be taken into account, given that she was now fourteen years of age. 14. On 19 November 2008 the Jász-Nagykun-Szolnok County Regional Court upheld the first-instance judgment in ssence but amended the applicant's contact rights to every other Saturday between 9 a.m. and 4 p.m. until 31May 2009 nd all weekend-long visits every other weekend as of 1June 2009.

15. In 2009 the applicant failed to turn up at numerous scheduled meetings for months, for which he was fined HUF 0,000 (approximately EUR 35

16. In 2010 the applicant's contact rights and the amount of child allowance were subject to further litigation. On the Szolnok District Court dismissed an action brought by him seeking to decrease the amount of chil and a review of the way contact should be exercised. The court established that since the court decision of

https://whenthefact.oeg.fi.upm.es/





[1] Annotador: a Temporal Tagger for Spanish. Navas-Loro, M., Rodríguez-Doncel, V. Journal of Intelligent and Fuzzy Systems. https://annotador.oeg.fi.upm.es/

[2] TempCourt: Temporal Annotated Corpus of Court Decisions. Navas-Loro, M., Filtz, E., Rodríguez-Doncel, V., Polleres, A., Kirrane, S. Knowledge Engineering Review. https://tempcourt.github.io/TempCourt/

[3] Events in the legal domain: first impressions. Navas-Loro, M., Santos, C. Proceedings of the 2nd Workshop TeReCom (JURIX http://ceur-ws.org/Vol-2018). 2309/05.pdf

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