The French law-making process — FOSDEM 2021

Damien Marié, Benjamin Ooghe-Tabanou · FOSDEM 2021, Open Research

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Research on the french law-making process

What happens when you try to put the law into git

Damien Marié and Benjamin Ooghe-Tabanou

D.research
2021-02-06

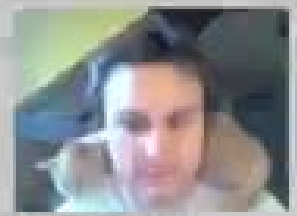


The Law Factory

Research on the french law-making process

What happens when you try to put the law into git

February 6th 2021

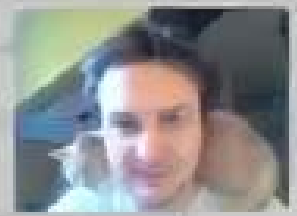


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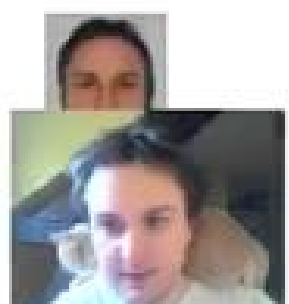


A joint project between an NGO and a research lab since 2011

- Regards Citoyens
  - David Gayou, Nelson Herbin, Nicolas Joyard, **Damien Marié (speaker)**, François Massot, Tangui Morlier and Benjamin Ooghe-Tabanou
- Sciences Po
  - Médialab
    - Pierre Jullian de la Fuente, Paul Girard, Daniele Guido, Anne L'Hôte, Damien Marié and Benjamin Ooghe-Tabanou
  - Centre d'études européennes et de politique comparée
    - Olivier Rozenberg and Angela Tacea

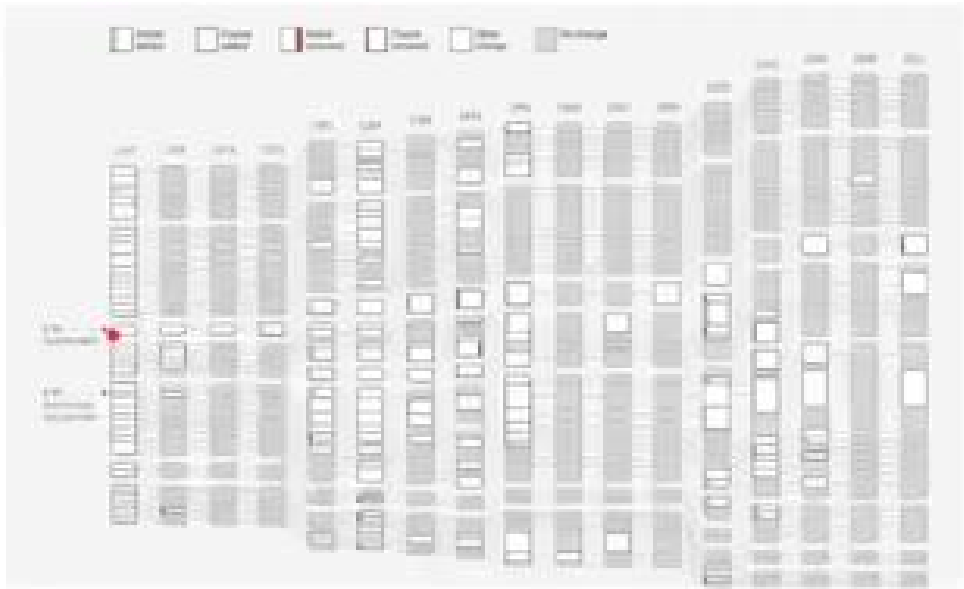


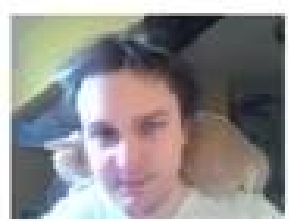
Benjamin Ooghe-Tabanou



The project

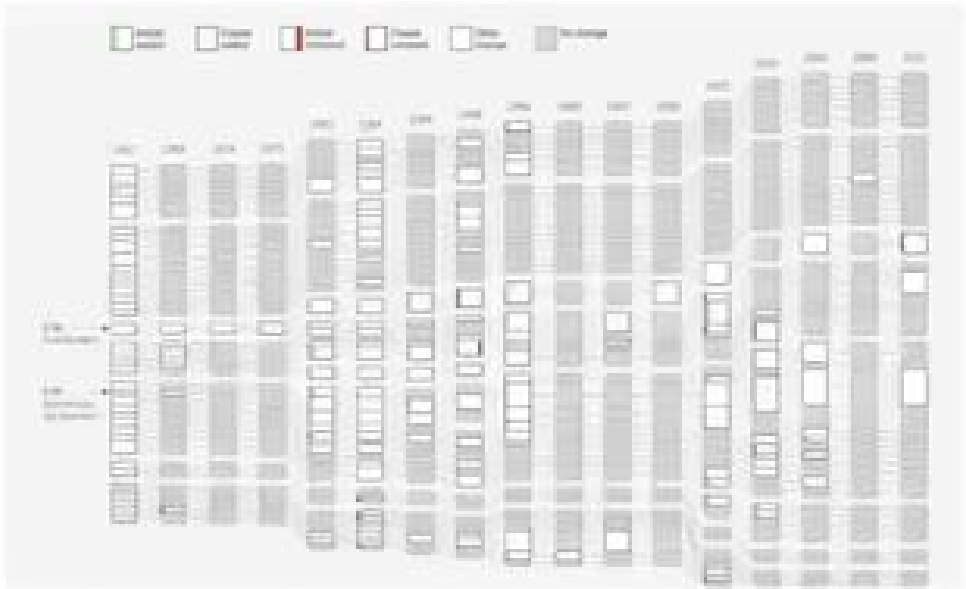
- **Track the changes made during the law-making process**
- Easily see the amendments and debates around the text

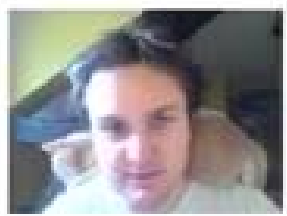




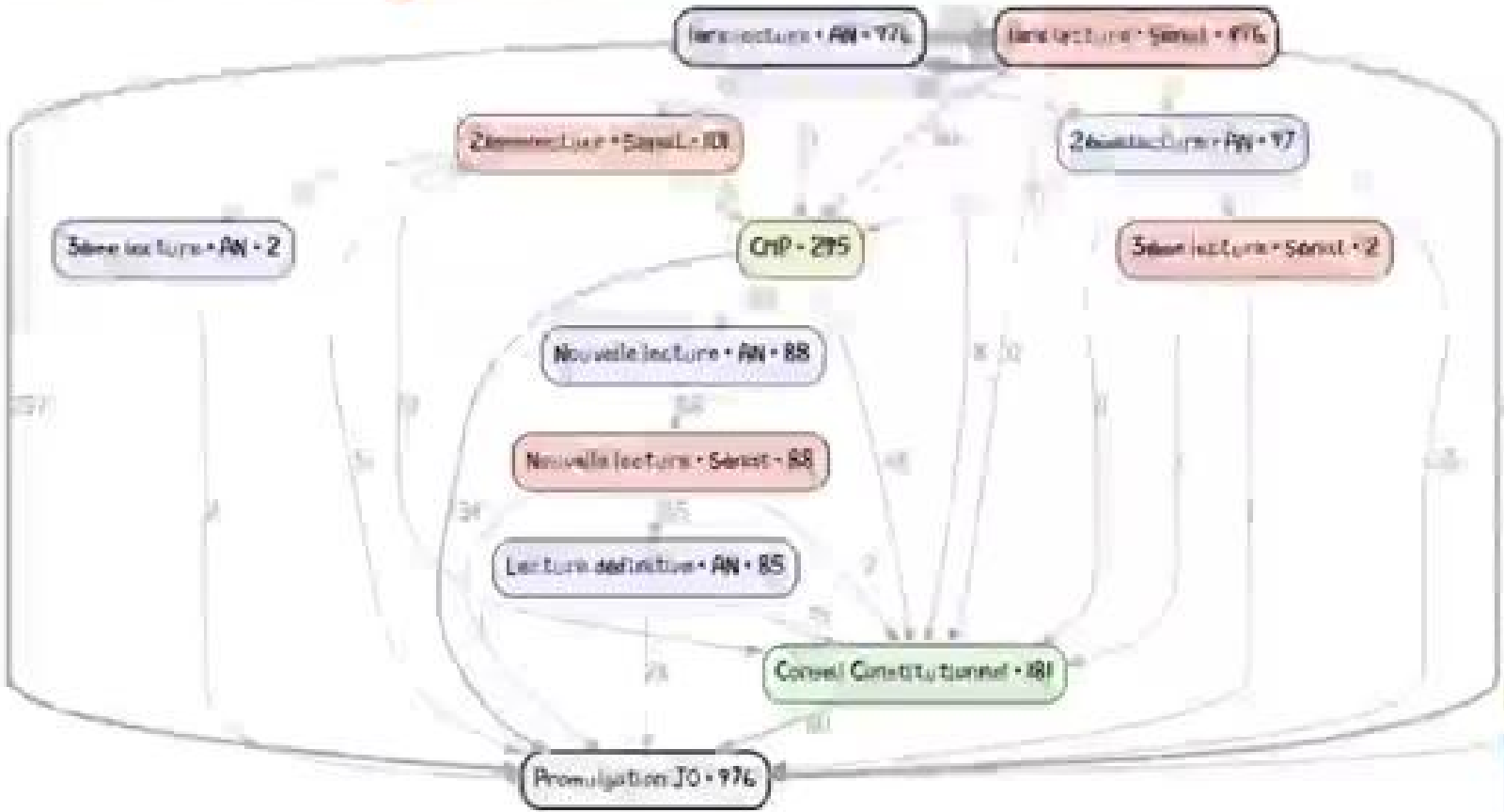
The project

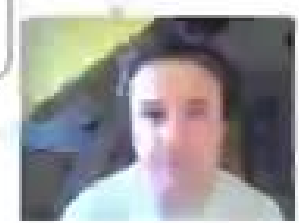
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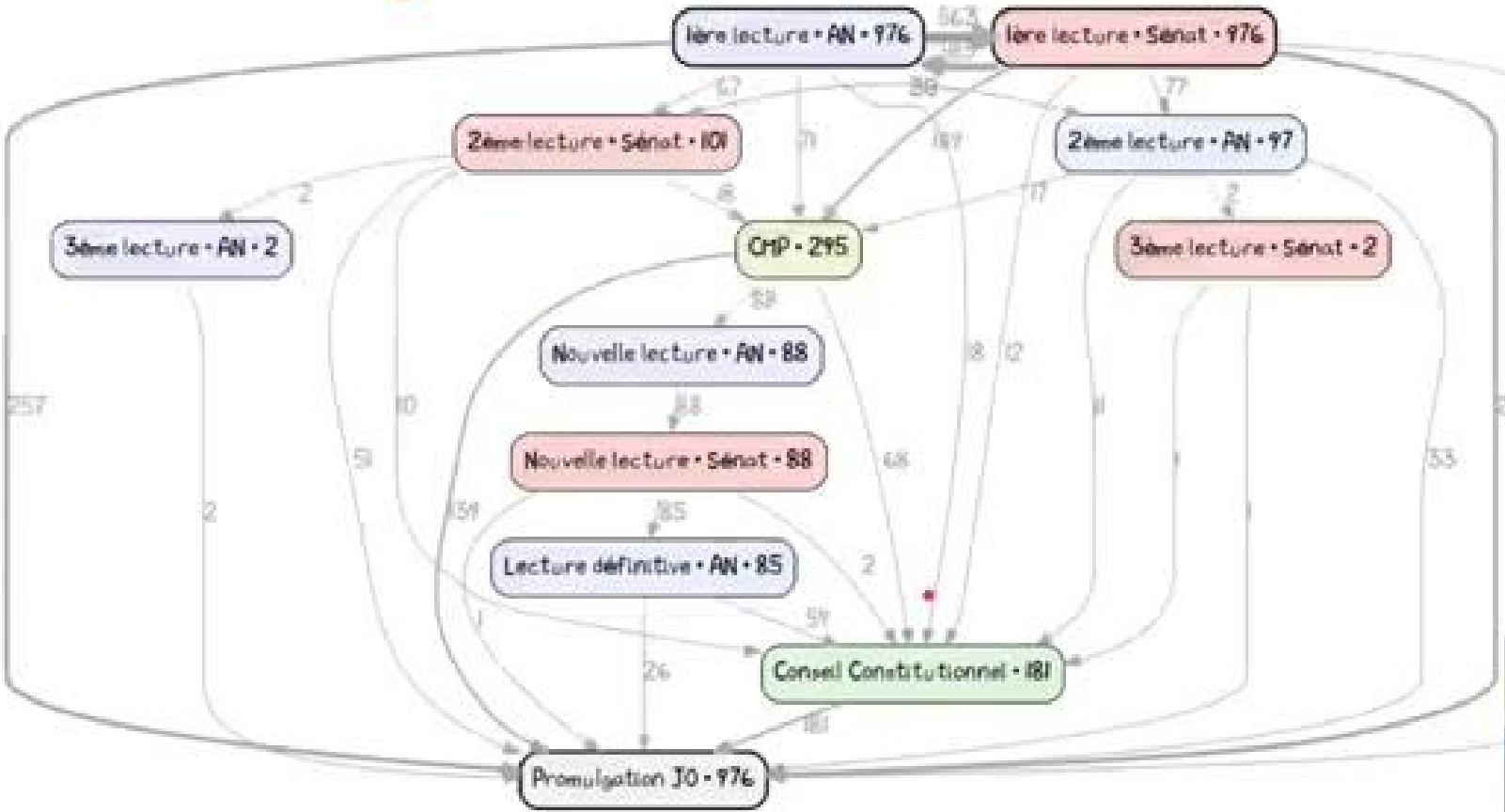


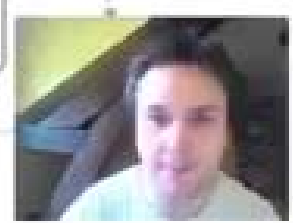
How complex can it be ?





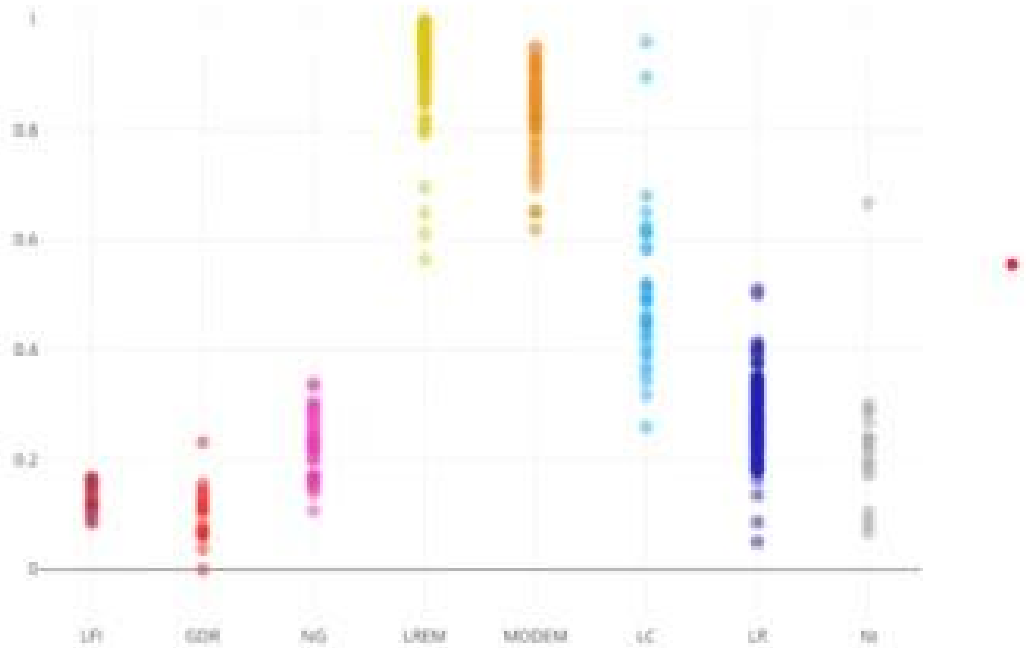
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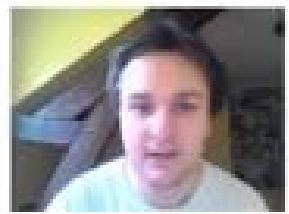




Findings

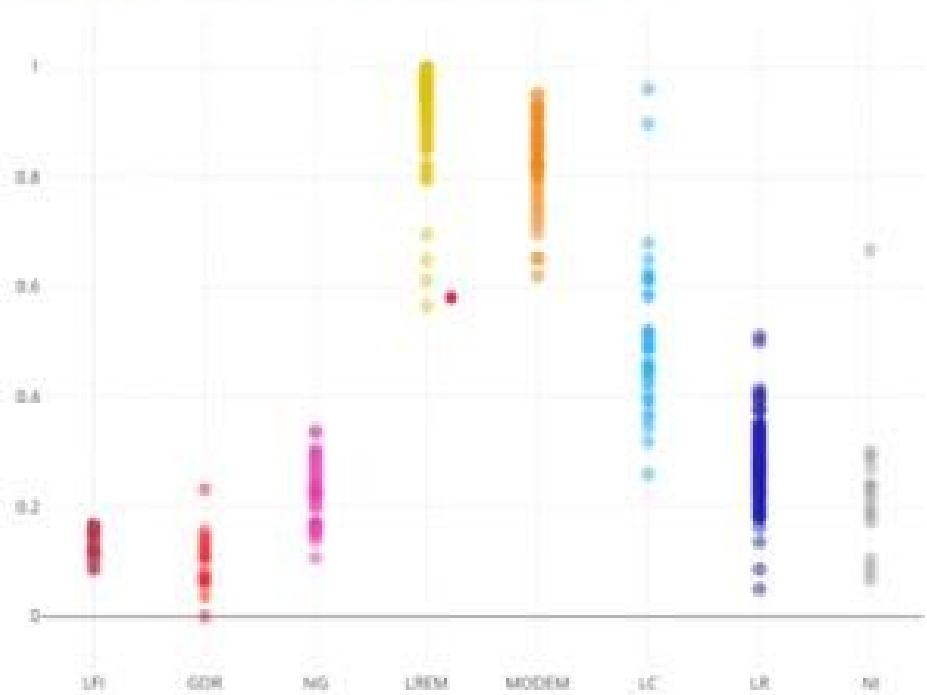
Similarity of deputies based on the roll-call votes

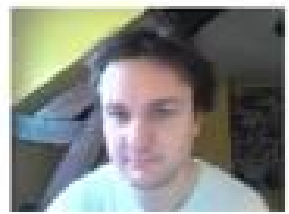




Findings

Similarity of deputies based on the roll-call votes





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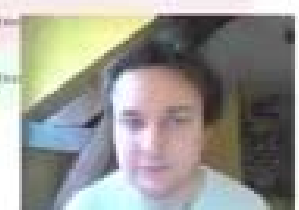
- Parliamentary assistants turnover
- Co-signature of amendments: alignment and fragmentation of political groups
- Classification and typology of amendments
- SedLex/DuraLex: automatic parsing and projection of amendments
- Debates captions analysis
- Votes alignment with the majority group



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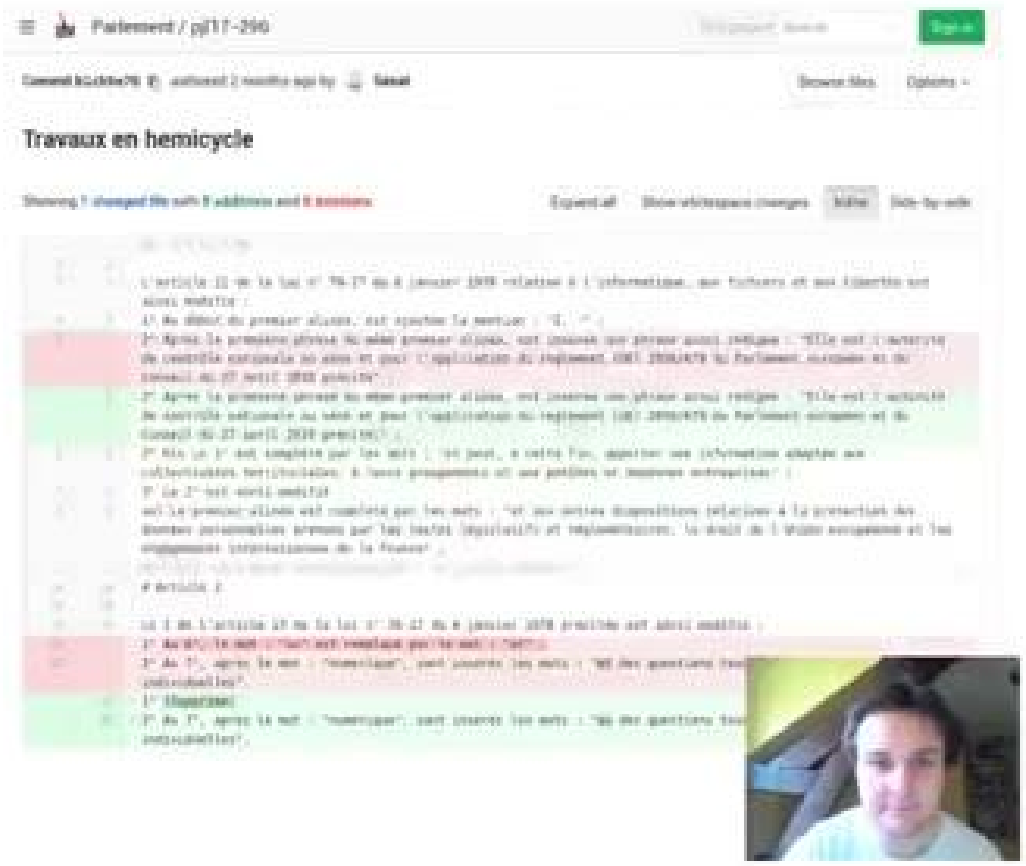
- Pedagogical map of the french law making procedure
- Generation of a git repository for each bill #GitLaw
- Finding texts by code referred
- More ideas!





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- Pedagogical map of the french law making procedure
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2021
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Coming up in a few seconds:
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aws
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COMPUTING FOUNDATION
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colt
element
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HUAWEI
openTap
Red Hat
ULB