Pierre Gradit

SARL MEZZONOMY
surface:34 Place de Catalogne, Blagnac – France
mailto:mezzonomy@orange.fr
phone:(+33|0)6.32.97.90.27
skype:pierre.gradit

Toulouse, January the 18th, 2016

Dear Mister Lanier,

In 2012, you delivered a remarkable speech at the Personal Democracy Forum, held in New York. In this speech, you state that using a full scale Xanadu system would have tremendous economic effect, and among them, the ability to cease *value loss* of middle class, transferred without compensation to computing corporations.

In 2005, I was appointed to design a solution as a PhD in computer science working on large XML referentiels for industrial projects during half a decade. The issue was *value loss* of communities jointly working on the design and the validation of an AIRBUS airplane structure. It was clear that untraceable copies of valuable data was the major flaw in existing systems.

In 2008, I started to develop the use of bidirectional hyperlinks to describe data shared by cooperating communities. This paradigm allowed to merge specific features of both graphical and term rewritings, identified in my thesis as relevant for cooperation modeling. At that stage, I decided to create a small innovative company to promote this discovery.

In 2009, my model proved that "*working at the same place*" was a more powerful paradigm that data duplication, and preserved traceability of all operations. In 2010, I filled a patent about the replacement of duplication in a full traceable referential called "*method for partial [learning] sharing of a software application*", "*learning*" being related to sharing within a community.

This patent can be considered, in some way, as an extension of Nelson's *transclusion* to any structured document, including XML document based applications. In 2011, I have designed a first application, called MIRZA, based on the *spreadsheet* model, a structured programmable document. In this context, “*partial sharing*” appeared as a graphical programming operation.

In 2012, I posted a comment on a French article about your 2012 presentation. This comment did a little buzz, and I met Michel Vandenberghe, a guy with a passion for the same topic, founder of the LENR-cities initiative, which was a IBM Senior Advisor at that time, and we started to develop economical theorization of such a system. In 2013 and 2014, I developed and industrialized a system called CARGO, allowing to include interactive programmable application in the category of structured documents.

In 2015, and that's the motive of this letter, a join effort with LENR-cities leads to a demonstration model of a full-scale recursive transclusion system for simple text nodes called TED. As you know, recursive transclusion was clearly the main challenge to address.

As you are a thought leader on that field, it seems to me straightforward to ask your opinion and recommendation about the best way to leverage this potential breakthrough.

Yours sincerely,

Pierre Gradit