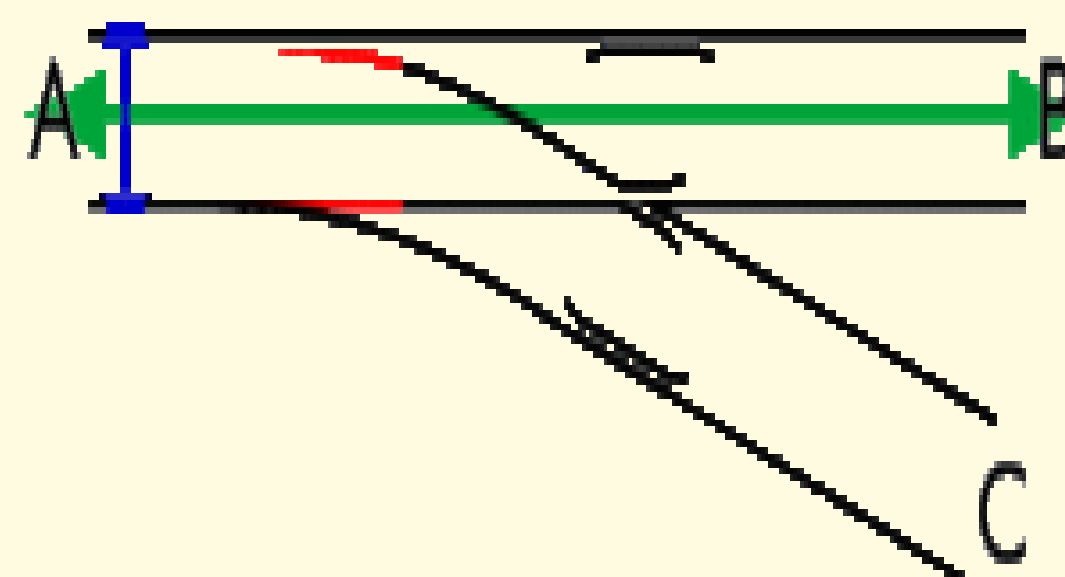
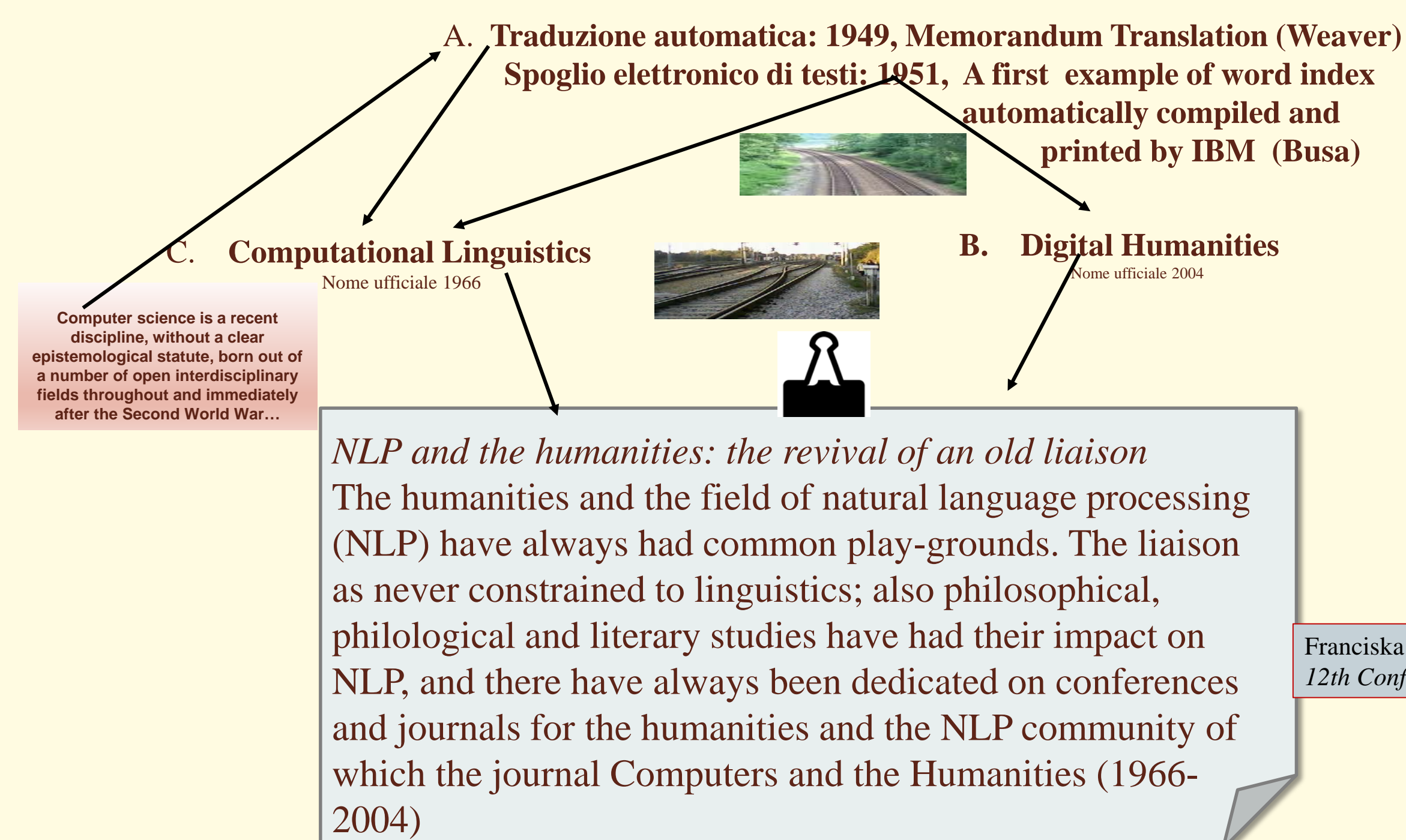


Strolling around the dawn of Digital Humanities

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Linguistica Computazionale e Digital Humanities: parole dai testi



A junction, in the context of rail transport, is a place at which two or more rail routes converge or diverge. This implies a physical connection between the tracks of the two routes

... ([https://en.wikipedia.org/wiki/Junction_\(rail\)\)](https://en.wikipedia.org/wiki/Junction_(rail)))

Franciska de Jong (2009). NLP and the humanities: the revival of an old liaison. *Proceedings of the 12th Conference of the European Chapter of the ACL (EACL 2009)*, 10-15.

LE PAROLE DAI TESTI: IL PERIODO PIONIERISTICO

Nel decennio pionieristico non esisteva un termine generale per identificare l’elaborazione elettronica di dati linguistici per lo spoglio di testi e tecniche di analisi testuale nelle discipline umanistiche (fine anni ‘40 – inizio anno ‘60)

Non sono sicuramente e ampiamente note al grande pubblico le prime e fondamentali conferenze internazionali organizzate negli anni ‘60

Des travaux de type artisanal, nous passons brutalement aux techniques industrielles. L'utilisation des machines a introduit dans notre ordre de recherches un bouleversement total. (Quemada, 1964) BESANÇON

CONTENU DES LABORATOIRES

- M. LAFAYE, Ctr. I.L.M. France : Les nouveaux instruments et la documentation automatique.
- B. PORTIER, Professeur à l'Université de Strasbourg : Les nouvelles techniques préparatoires à la production automatique.
- J. FROST, Maître de Recherche : Une application de critique des textes au calcul automatique.
- Réception donnée en l'honneur des participants au Colloque par Monsieur le Recteur de l'Université de Besançon, dans les salons du Recteur, 10, rue de la Convention.

19h. 30-17h. Près de M. F. LAFAYE (Collège de France, Paris).

- F. de TOLLE, Maître de Recherche du Département de Linguistique, Londres : La Documentation Linguistique et ses problèmes.
- B. PORTIER, Directeur du Centre d'Etude du Vocabulaire Français : Problème de reconnaissance pour la préparation d'un Dictionnaire automatique.
- M. MERVILLE, Maître de Recherche à l'Université de Besançon : Les Index morphologiques et leur utilisation graphique et statistique.
- P. J. WATKINS, Professeur à l'Université de Manchester : La Grammaire.

14h. 30 – R. P. BUSA, Directeur du C.A.L.L. : L'analyse des documents et des textes.

20h. – J. MORAVCSIK, Comité d'Action Scientifique de la Défense Nationale : Les techniques de recherche et la mise au point.

Déjeuner général.
 Vote des motions. Conclusion du Colloque.
 Discours offert par le Recteur des Lettres et Sciences Humaines de Besançon au Casino de Besançon.

Fasi preliminari delle ricerche linguistiche:

- La transcrizione di testi naturali, a partire dal libro stampato, su bande magnetica in vue d'elaborazioni elettroniche...
- ...la compilazione d'indici e di concordanze di mots, de morphèmes, de graphèmes, de syntagmes, de fréquences, etc...

(Busa, 1966) PRAGA

LES MACHINES DANS LA LINGUISTIQUE

... some humanists who have adopted computers are not yet fully adapted to them. (Bessinger, 1964) New York

The Literary Data Processing Conference

The Literary Data Processing Conference brought together scholars in the humanities so that they could exchange knowledge end ideas in the field of literary data processing.

The Conference was organized by the Department of Scientific and Technical Information, Technology and Engineering Staff, IBM Corporation. It was sponsored jointly by that Department, IBM Data Processing Division - Industry Programs, and the Office of the IBM Director of Systems Research

LE PAROLE DAI TESTI: LA SECONDA DECADE

Il periodo che segue quello euristico e pionieristico sembra aver raggiunto un equilibrio in parte somministrato da una maggiore specializzazione degli umanisti in campo informatico

The second period lasted through the Seventies until the early Eighties. Humanities scholars learned now to write their own programs, as programming languages became easier to master (Kenny, 1992).

Nasce nel 1966 la rivista *Computers in the Humanities*

- Froger entusiasticamente commenterà: ... une revue spécialisée, *Computers in the Humanities* ...
- Melic nel primo numero della rivista scriverà: We define humanities as broadly as possible. Our interests include literature of all times and countries, music, the visual arts, folklore, the non-mathematical aspects of linguistics, and all phases of the social sciences that stress the human. When, for example, the archeologist is concerned with fine arts of the past, when the sociologist studies the non-material facets of culture, when the linguist analyzes poetry, we may define their intentions as humanistic; if they employ computers, we wish to encourage them and to learn from them... With the inauguration of *Computers and the Humanities*, the time has perhaps arrived for a more serious look at the position of the humanistic scholar in the world of data processing (Melic, 1966)



Terza generazione dei computer (1965-1980), uso di circuiti integrati. PASCAL e PL1 i nuovi linguaggi di programmazione:

There is no doubt that the third generation computers will eventually measure up to much that was promised. They are extraordinarily fast and can reach enormous amounts of data in immediately available storage; performance of more than one program at a time is feasible; the diversity of special devices such as voice response and graphic mechanisms that can be incorporated into a system are most impressive (Wishy, 1967)

LE PAROLE DAI TESTI: LA TERZA DECADE

La terza decade, contrassegnata dall'avvento del Personal Computer e a seguire dallo sviluppo di Internet e dalla proliferazione di risorse digitali e di infrastrutture

Nasce nel 1986 la rivista *Literary and Linguistic Computing*

LITERARY & LINGUISTIC COMPUTING
 Journal of the Association for Literary and Linguistic Computing

Nel 2004 pubblicazione del libro *A Companion to Digital Humanities*

S. Schreibman, R. Siemens, and J. Unsworth (eds.). 2004. *A Companion to Digital Humanities*. Blackwell

Dal 2015 diventa *Digital Scholarship in the Humanities* DSH di ADHO e EADH

Dal 2005 diventa *Language Resources and Evaluation*

The term Digital Humanities has been commonly used to describe the application of computational methods in the arts and humanities for 10 years, since the publication, in 2004, of the Companion to Digital Humanities. "Digital Humanities" was quickly picked up by the academic community as a catch-all, big tent name for a range of activities in computing, the arts, and culture. [Terras, 2016]

When I talk about digital research products obviously I'm not referring to the classic article or monograph (although in digital form). Anyone who has really been involved in a research project in **Digital Humanities** knows that most of the research work consists in the modeling and creation of the data sets, computational analysis methods, tools and frameworks. If the goal of a research project is the creation of an archive of documents, a digital scholarly edition or a visualization tools to display historical data, those are the real products of research, not the articles describing them (often tedious and report style). The assessment of Digital Humanities research must apply to these objects. The creation of a platform of this kind requires: an ontology of the roles and functions performed by the researchers involved in a project; a set of minimum quality requirements (standards compliance, interoperability, scientific control, coverage of the domain, etc.) to assign a digital resource the status of research product; a metric based on these requirements to enable (Ciotti, 2015)

LC&DH : IL LESSICO

<digital form>, <computational analysis methods, tools and frameworks>, <digital resource the status of research product>, <visualization tools>, <archive of documents>, <platform>, <ontology>, <standards compliance>, <interoperability>

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