

MAX-PLANCK-GESELLSCHAFT

LEXUS
Multimedia Lexicon Creation

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Lexica - What is out there?

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Structure

Structure of lexicon depends on language, linguistic theory, purpose

Conceptual

Large variation in linguistic concepts and value naming

Format

Large variation in formats (XML, Shoebox, Chat, Word)

Data interoperability problem

cross lexica searches, merging, comparison

Archive requirements

Representation format (XML)

One archive exploitation framework

LEXUS development



LEXUS development

LEXUS development – past

2005: First version of LEXUS developed with some input from DoBeS

2006: Construction of Yeli Dnye multi media lexicon (Steve Levinson)

2007: Start of Marquesan and Tuamotuan dictionary projects

2007: First version of ViCoS

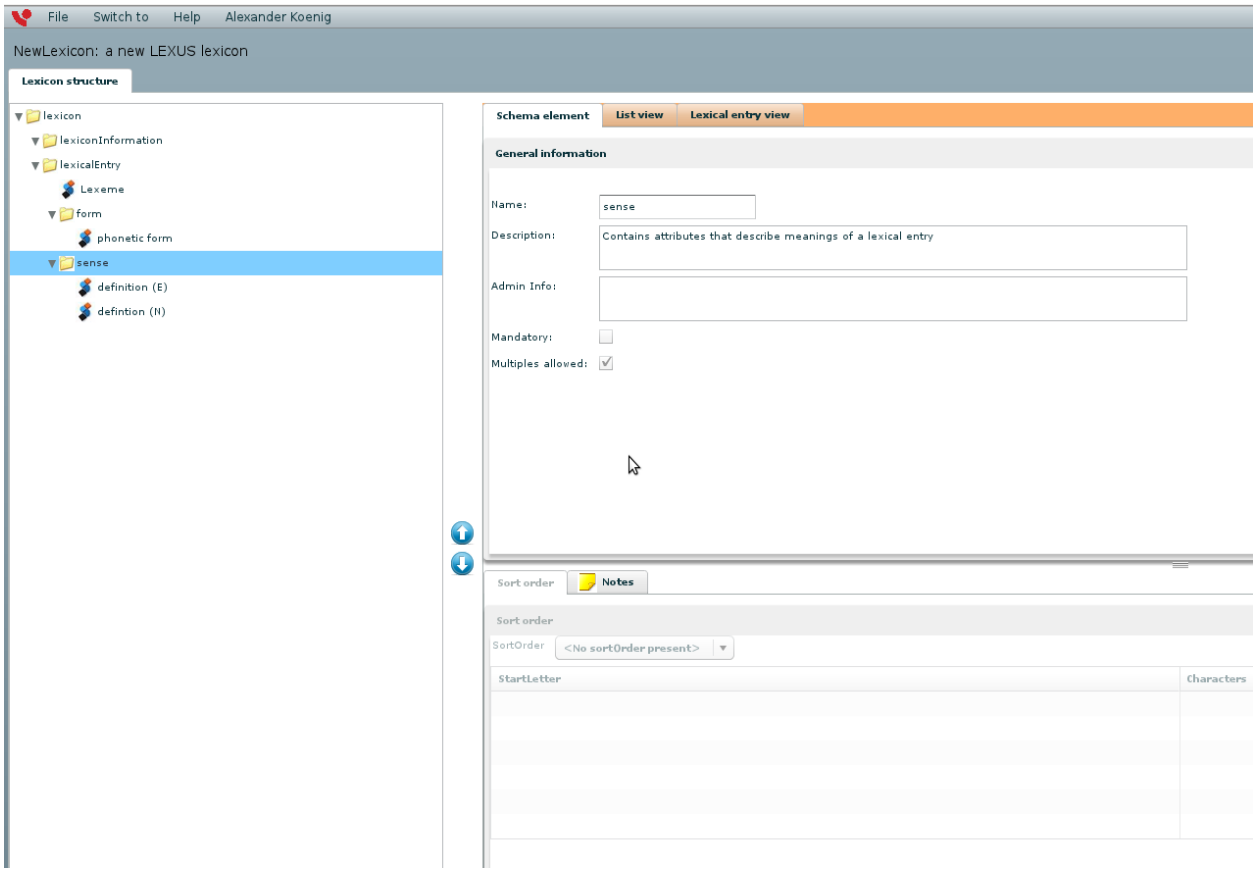
2009: new user interface

2010/early 2011: LEXUS 2.0 released

now: LEXUS 3.0 is being released

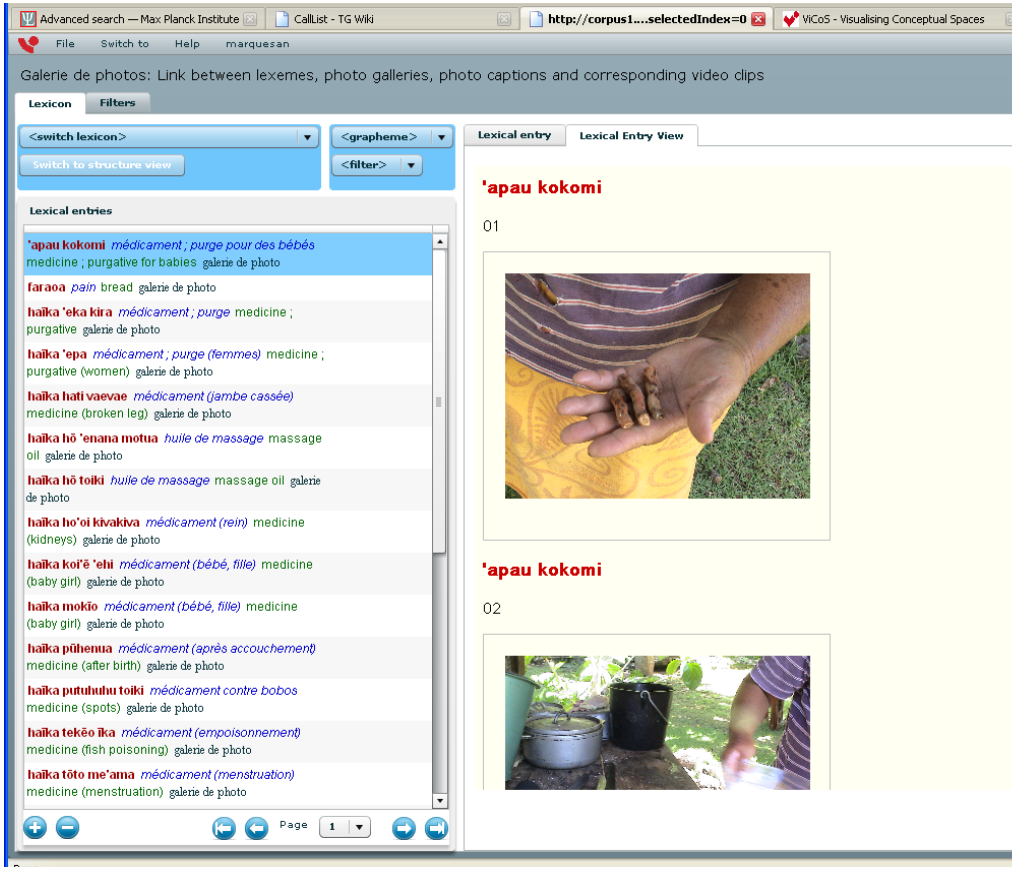
LEXUS functionalities

- Creation of lexica from scratch
- import lexica from other formats (Toolbox, XML)



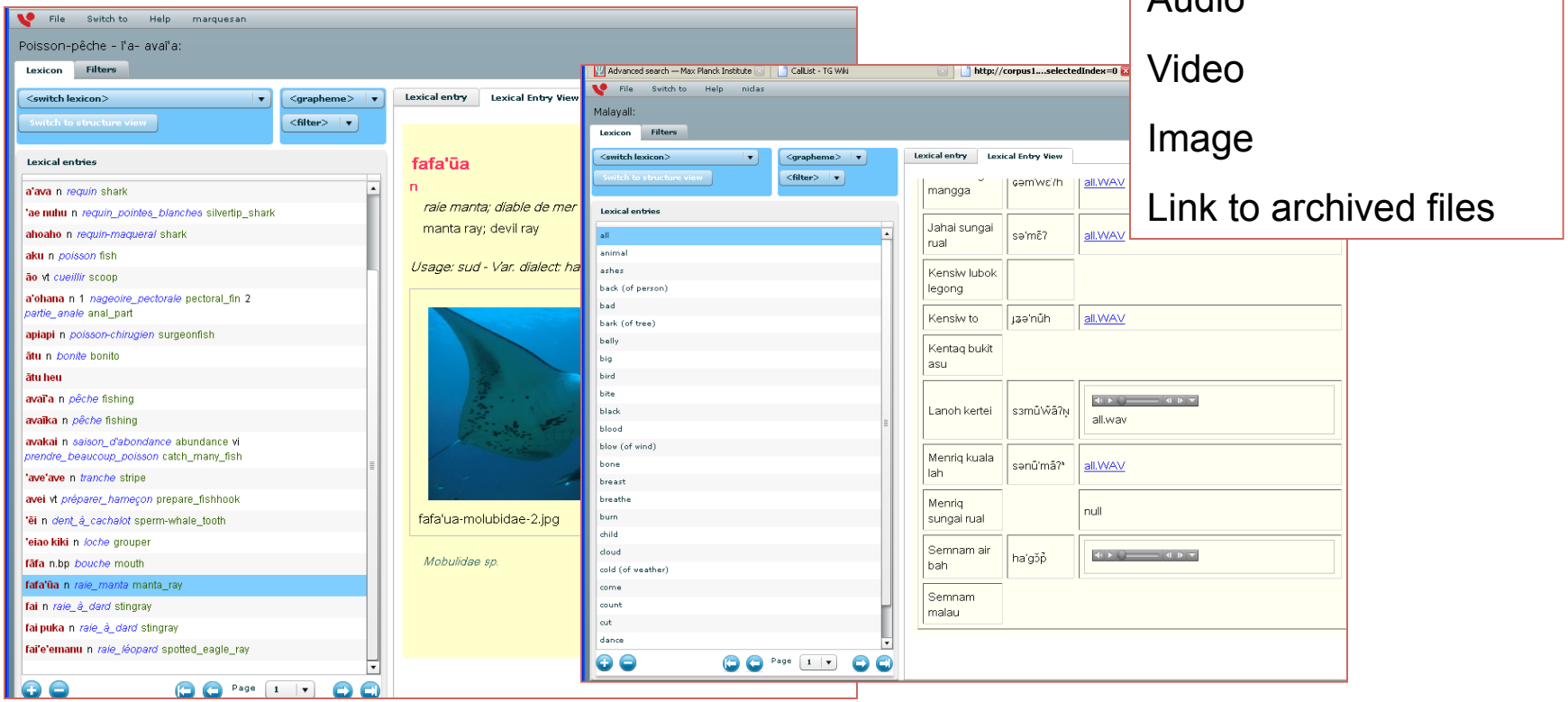
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- User definable views of word list and lexical entries



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- Defining custom sort orders

Start letter	Characters
a	aA[-a][-A][^a][^A][\(d\)a][^\(d\)a][^\(rt\)a][^\(
b	bB[-b][-B][^b][^B]
d	dD[-d][-D][^d][^D]
i	iI[-i][-I][^i][^I][^\(j\)i][^\(rt\)i][^\(w\)i]ìÌíÍîÎïÏ
j	jJ[-j][-J][^j][^J]
k	kK[-k][-K][^k][^K]
l	lL[-l][-L][^l][^L]
ld	[ld][LD][-ld][-Ld][^ld][^Ld]
m	mM[-m][-M][^m][^M]
n	nN[-n][-N][^n][^N]
ng	[ng][Ng][-ng][-Ng][^ng][^Ng]
r	rR[-r][-R][^r][^R]
rr	[rr][Rr][-Rr][-rr][^Rr][^rr]
rt	[rt][Rt][-rt][-Rt][^Rt][^rt]
u	uU[-u][-U][^u][^U][\(w\)u]ùÙúÚûÛüÜ
v	vV[^v][^V]
w	wW[-w][-W][^w][^W]
y	yY[-y][-Y][^y][^Y]ýÝ

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- Creating complex filters and queries

LEXUS development – future

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What's planned for the immediate future?

- Offline Version
- Closer integration with ELAN
- Integrate LEXUS into TLA Authentication Infrastructure
- Reactivation and integration of ViCoS into LEXUS
- Add preview functionality to the Views Editor
- Improve Archivability of LEXUS lexica

LEXUS demo

http://corpus1.mpi.nl/lex/lexus/index.html