

Welcome to SHEBANQ

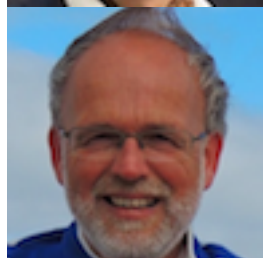
User Guide [download as pdf](#)



Wido van Peursen, leader of ETCBC. Initiator and strategic leader.



Oliver Glanz, Andrews University. ETCBC data expert, contributing numerous queries for teaching.



Dirk Roorda, DANS. Author of most of the code.

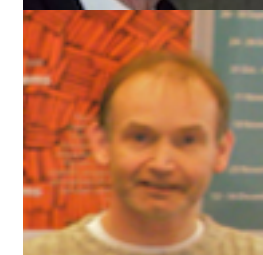
System for HEBrew Text:
ANnotations for Queries and Markup
funded by
CLARIN-NL, [The Language Archive](#)



SHEBANQ relies on data
and tools created by



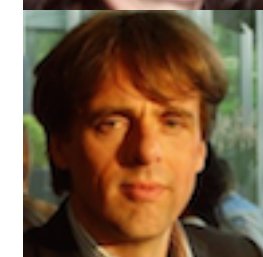
Eep Talstra, founder of ETCBC. Still computing (Pascal): participant data in the making.



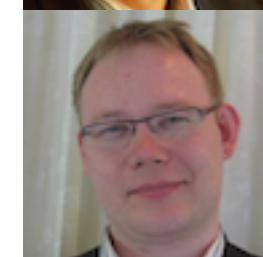
Constantijn Sikkel, data designer for ETCBC. Inventor of efficient data creation work flows.



Janet Dyk, linguist at ETCBC. Long-time data contributor, specialized in verbal valence and language variation.



Reinoud Oosting, data designer for [Leiden University](#). Contributed ETCBC data, now key user.

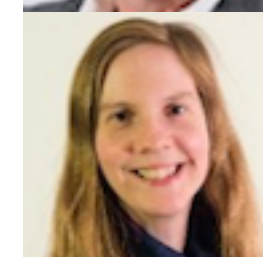


Ulrik Sandborg-Petersen, creator of [Emdros](#). Without it, SHEBANQ would not exist!

contributors in the past



Henk van den Berg, [DANS](#). Programmed the first versions.



Heleen van de Schraaf, then [DANS](#). Programmed the first user interface.

Basic Usage

View and visualize

[*The Text*](#)

[*Context View*](#)

[*Data*](#)

[*Words*](#)

[*Queries*](#)

[*Charts*](#)

Export and share

[*Export Data*](#)

[*Citation*](#)

More about Words

[*Word Highlights*](#)

[*Single Word View*](#)

Working with Queries

[*Queries Advanced*](#)

[*Query Highlights*](#)

[*Single Query View*](#)

[*Executing Queries*](#)

Go your own way

[*Beyond: LAF-Fabric*](#)

Documentation and Support

Read the *Text*

you start with the passage where you left off (in this browser)

select a Bible book

show a dialog to go to other chapters - press **Esc** to dismiss

select **text** view or **data** view

show relevant words and queries

students/teachers:
go directly to this chapter in **Bible OL**.



Over there are links to carry you **back to SHEBANQ**

go directly to previous or next chapter

hint: click a verse number to show data for that verse only

Context items for this chapter

click **entry** to goto word and all occurrences

click **gloss** to toggle preview of word

click **any word** to toggle its highlight

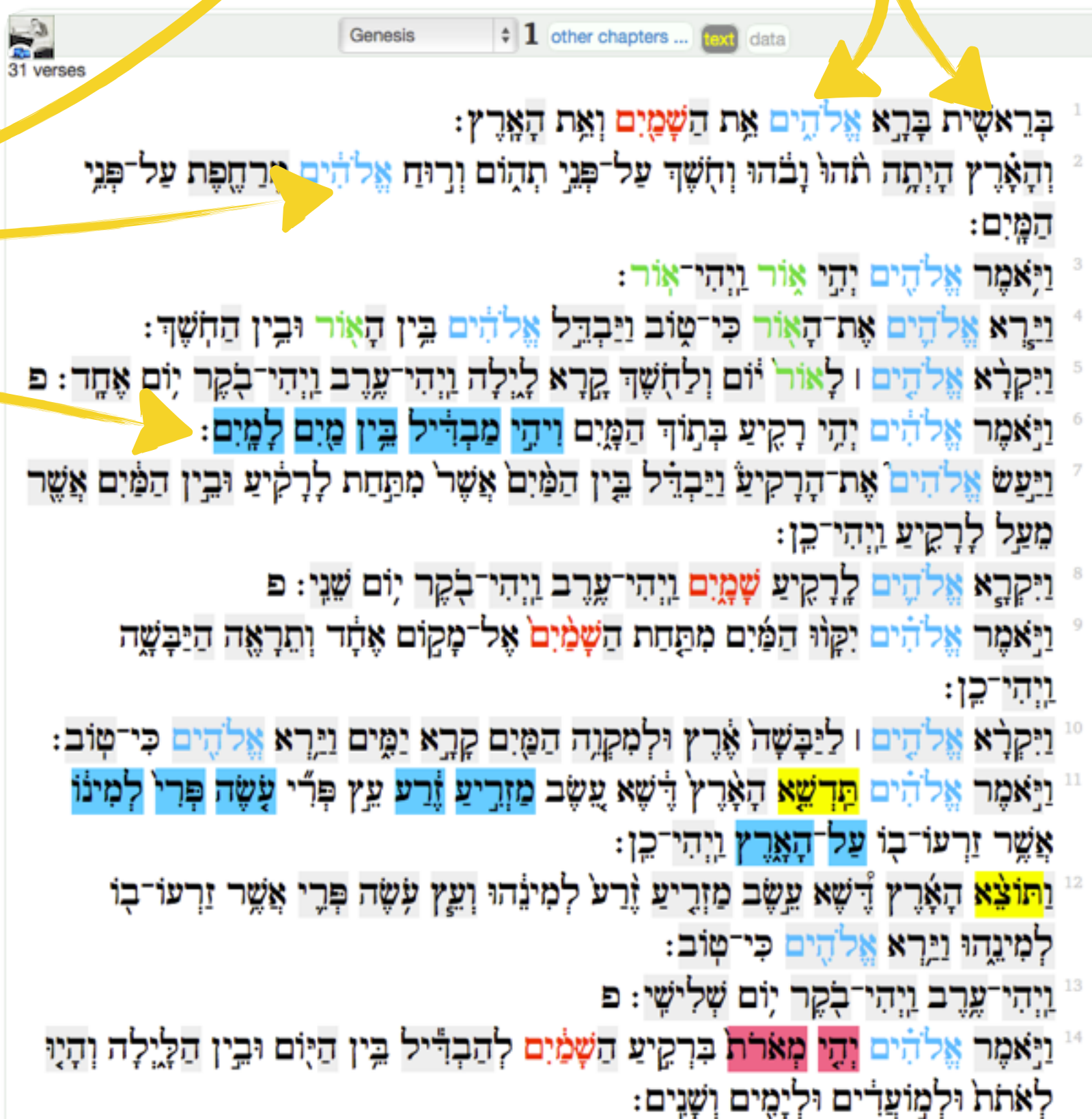
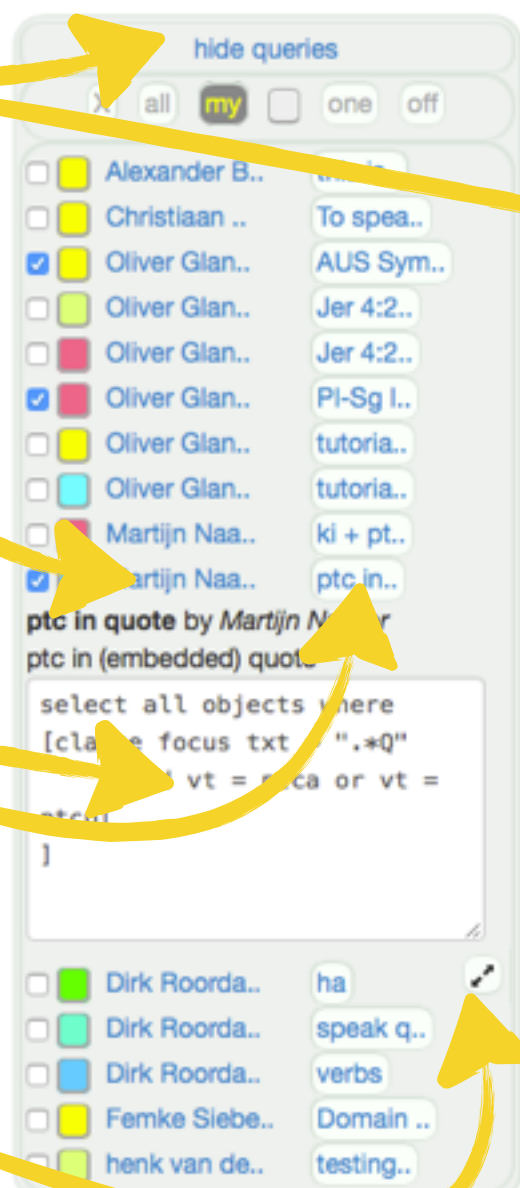
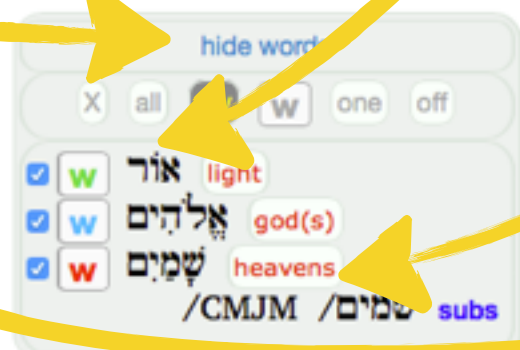
words with highlighted occurrences

queries with highlighted hits

click **author** to goto query and all hits

click **name** to toggle preview of query

enlarge preview of query in a pop-up



Show the *Data*

click **legend** to select features

show/hide a single *feature*

show/hide an entire row

click the **labels** to jump to *feature documentation*

hint: loading data for multiple verses is sluggish. Click a verse number to toggle data view for that verse only

Genesis 1 → text data legend

31 verses

אֱלֹהִים /אלהים/ >LHJM/ god(s) subs m pl NA a NA NA absent n/a	בָּרָא ברא BR>[create verb m sg p3 NA perf qal absent	רֵאשִׁית /ראשית/ R>CJT/ beginning subs f sg NA a NA NA absent n/a	בְּ ב B in prep NA NA NA NA NA NA absent n/a
--	--	---	--

Legend

☒ text ☐ lexeme ☐ lexeme-v ☐ lexeme-c

☒ gloss

☐ lexic ☒ part-of-speech ☐ language ☐ monad#

☒ gender ☒ number ☒ person ☒ state ☒ tense ☒ verbal stem

☐ nme ☐ pfm ☒ prs ☐ uvf ☒ vbe ☐ vbs

☒ rela ☒ subphrase#

☒ determination ☒ function ☒ type ☐ rela ☐ rela_a ☐ phrase_a# ☒ phrase#

☐ txt ☒ type ☐ rela ☒ tab ☒ code ☒ clause_a# ☒ clause#

☒ sentence_a# ☒ sentence#

W and

NA NA NA N/	n/a n/a	absent n/a	n/a n/a	absent n/a
Objc PP 4	Objc PP 4	Objc PP 4	Objc PP 4	Objc PP 4
xQtX 0 0 1	xQtX 0 0 1	xQtX 0 0 1	xQtX 0 0 1	xQtX 0 0 1
1	1	1	1	1

Show the *words*

click an **entry** to view more info, including the *occurrences* of this word

click the **gloss** to toggle between the *entry* and the *disambiguation*



SHEBANQ

The Text

Words

Queries

Help

News

Sources

Aramaic

Hebrew

602
words

שמי ??

desolation

שממה

שמע Shama

שמעת ??

Shimron

שמרון = /

שמידע ??

<uncertain>

שממה

שמע Shema

שמעתי ??

Shimron

שמרון = = /

שמידעי ??

horror

שממון

שמע hear

<uncertain>

שמרוני ??

שמץ

heavens

oil

שמן /

שמעא ??

<uncertain>

שמרי ??

שמצה

שמריה ??

שן ??

שנים two

stamping

שער measure

שעטה

שמריהו ??

sleep

שנא

שנינה taunt

שעטנז cloth

שער burst

שמרים vigill

shine

שנא

שנן repeat

שעל handful

שער estimate

שמרית ??

??

שנאב

שנן sharpen

שעלבים ??

שערור horrible

שמרני ??

highness

שנאן

שנס gird

שעלבין ??

horrible

Queries and muting (simple)

click the **triangles** to expand and collapse

This is your dashboard for queries.
Find the queries ordered by organization, then project, then user.
Then act: preview, mute, generate a link, edit, go to the results page.

full text search
on organization,
project, people
and queries

use *checkboxes* to **mute**
queries, so that they do not
show up in the sidebar

go to the page of this query to edit and run it

quickly expand/
collapse the tree
to a specific level

your mutings are not
stored on the server but
on your browser

preview/edit the description of this query
right here by clicking the info icon

The screenshot shows the SHEBANQ web application interface. At the top is a navigation bar with links: Home, The Text, Words, Queries, Help, News, Sources, and a Log In button. Below the navigation bar is a sidebar on the left with a filter section. The filter section has a 'Filter' label, a search input with 'dirk', and a 'filter applied' status. Below this are filter buttons: 'all with children (2)', 'in my queries', and 'clear filter'. The 'Level' section shows a tree of categories: 'organizations (0 1)', 'projects (0 2)', 'users (2 0)', and 'queries (9)'. A 'manual' button is at the bottom of the sidebar. The main content area displays a tree of 'Public Queries'. The tree is expanded to show 'Test Projects', which includes 'Dirk Roorda' and 'shebanq'. Under 'Dirk Roorda', there are several queries, including 'Double imperatives' which is highlighted in yellow. To the right of the tree, the 'Double imperatives' query is displayed in detail. It has a title 'Double imperatives', a subtitle 'DANS shebanq', and a description 'Finding the right contexts'. The description text is in markdown format, mentioning 'Reinoud Oosting: Repetition of imperative in Isa 40:1' and 'Jesaia 40:1 and Jesaia 51:9'. There is a 'Done' button at the bottom of the query details. Yellow arrows point from the text annotations to specific elements in the interface: from 'full text search' to the filter input; from 'click the triangles' to the expand/collapse icons in the query tree; from 'use checkboxes to mute' to the checkboxes next to the queries; from 'your mutings are not stored' to the 'Double imperatives' query; from 'go to the page of this query' to the link icon next to 'Double imperatives'; from 'preview/edit the description' to the info icon next to 'Double imperatives'; from 'generate a pretty hyperlink' to the link icon next to 'Double imperatives'; and from 'pretty means: mark-down' to the description text.

simple advanced

Filter

dirk

filter applied

all with children (2)

in my queries

clear filter

Level

organizations (0 1)

projects (0 2)

users (2 0)

queries (9)

manual

Public Queries

Test Projects

Dirk Roorda

shebanq

Dirk Roorda

Double imperatives

Double imperatives

DANS shebanq

Finding the right contexts

This is a variation on Reinoud Oosting: Repetition of imperative in Isa 40:1 which provides the context **book** for two consecutive clauses.

This query takes **verse** instead.

N.B. Use *data* view to inspect the structural difference between Jesaia 40:1 and Jesaia 51:9

Done

generate a pretty **hyperlink** to this query to be used in the description of an other query

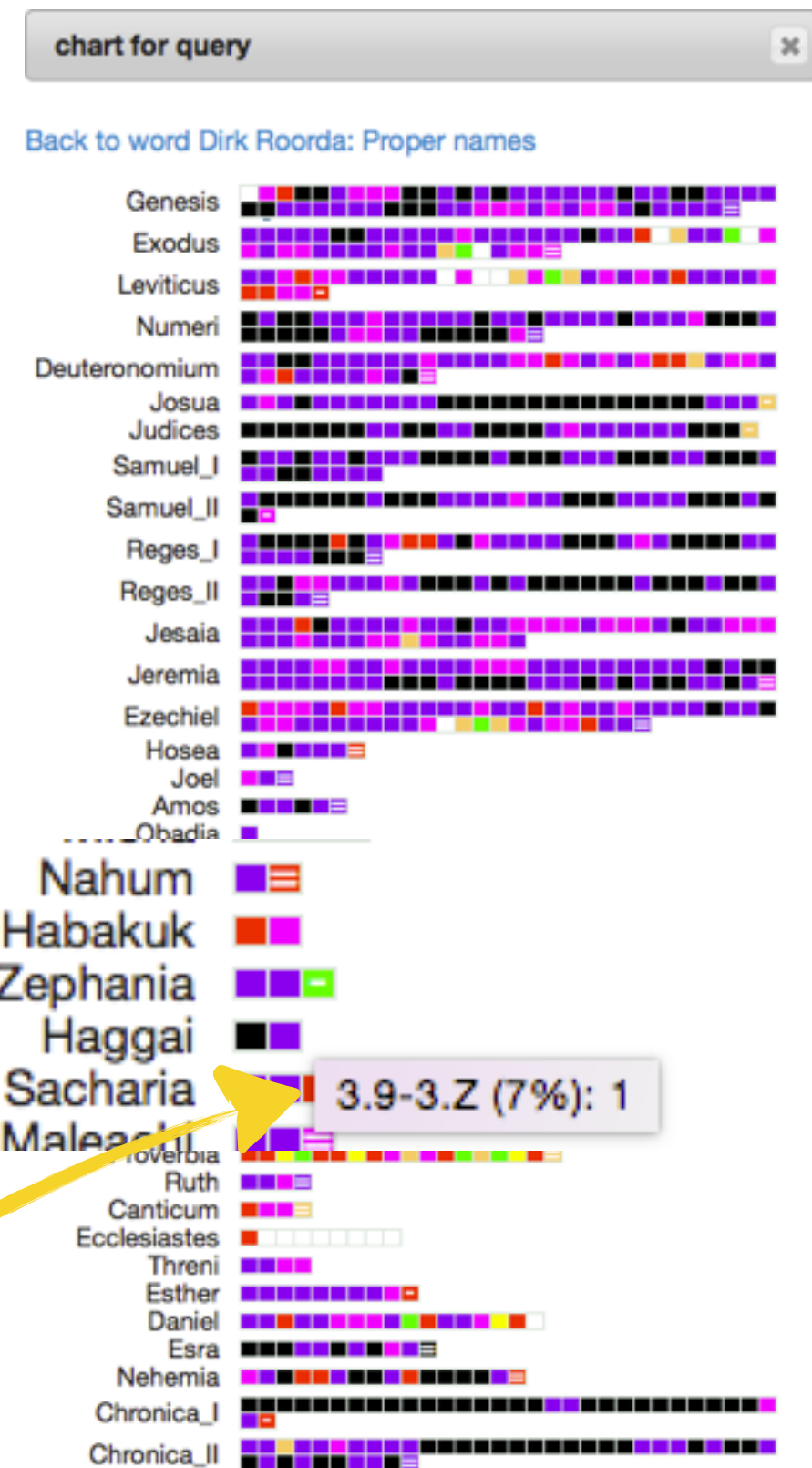
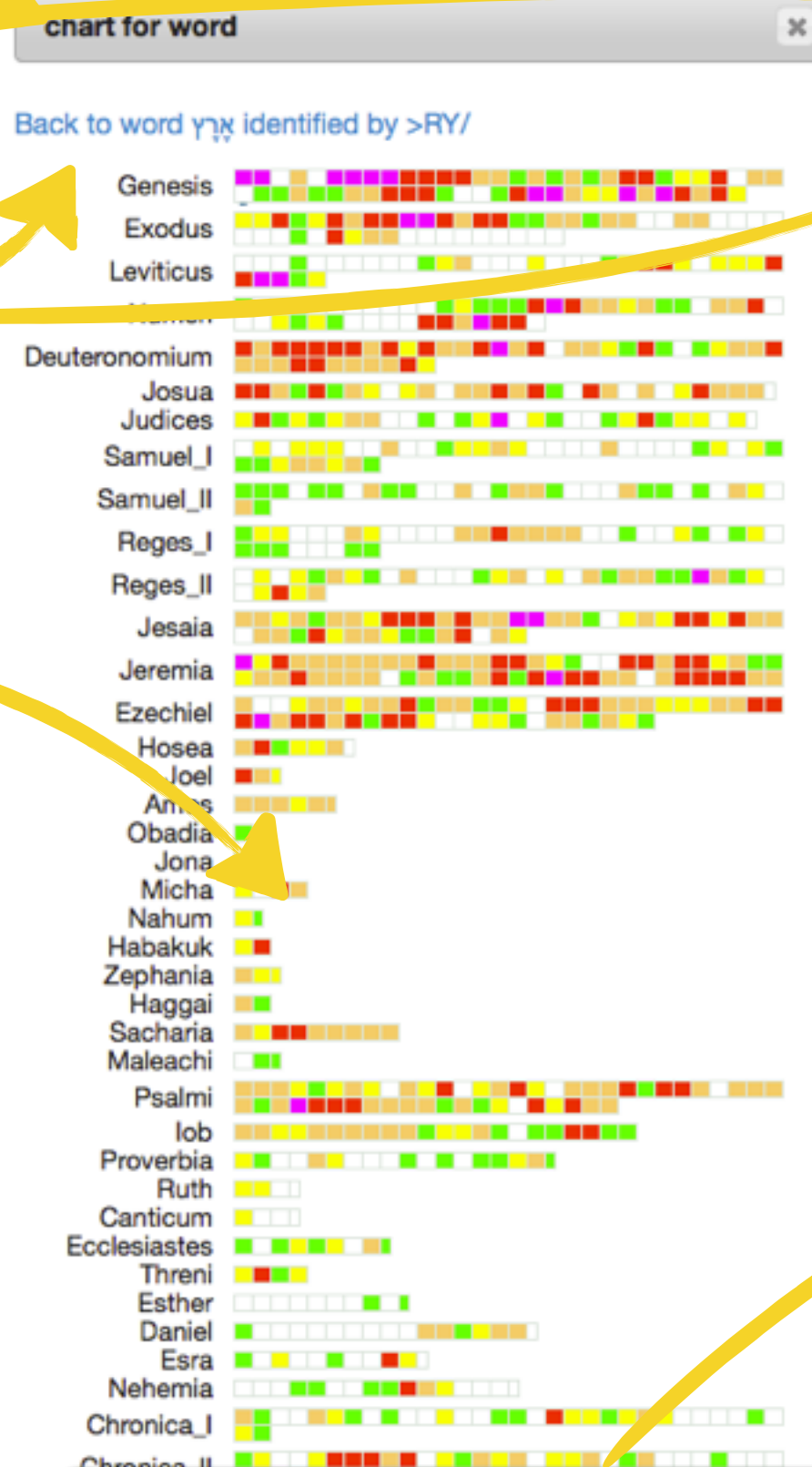
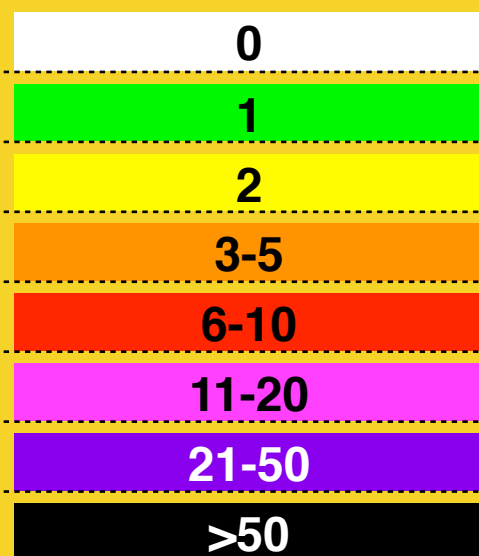
pretty means: mark-down. This description has been entered in mark-down.

Charts show you where in the Bible the occurrences and hits are

Back to the word or query you came from

Every **cell** corresponds to a block of 500 words. Clicking it leads you to it. **Hover** to see the chapter range and the amount of hits/occurrences

The **color** in the cell indicates the *absolute* number of hits/occurrences in that block



Last blocks of a book have lesser size. The size is indicated in a tooltip (%) and the block is marked with = (< 25%) or - (between 25% and 75%)

Chapter ranges:
23.Z = chapter 23, last word
23.z = chapter 23, at position >95%
23.6 = chapter 23, at position 60%

q531.csv chart

Dirk Roorda: Double imperatives 1

107 hits in 49 verses on 3 pages

Exodus 17:5

אל אל	יהוה /יהוה	יאמר]אמר	ו
to	YHWH	say	and
none prep NA NA NA NA NA NA n/a n/a	none nmp m sg NA a NA NA n/a n/a	quot verb m sg p3 NA wayq qal J	none conj NA NA NA NA NA NA n/a n/a
det Cmpl PP NA 4 N WayX NA 3 200 1922 1 1486 19	det Subj PrNP NA 3 N WayX NA 3 200 1922 1 1486 19	NA Pred VP NA 2 N WayX NA 3 200 1922 1 1486 19	NA Conj CP NA 1 N WayX NA 3 200 1922 1 1486 19

Download hits or occurrences as spreadsheet

This file opens best in Open Office. Excel struggles with the Unicode/utf8. Numbers (Apple) works reasonably.

the *whole* list will be exported, not just this page

Every word occupies a separate row.
There are fixed columns for
book name, chapter #, verse #.
The rest depends on your *data view settings*:

text data

word number, hebrew text

data legend

as selected in legend

legend

☒ text ☒ דְּבַר lexeme

☐ text ☒ lexeme

☐ gloss

☐ lexical set ☒ part-of-speech ☐ language ☐ monad#

☒ gender ☒ number ☒ person ☒ state ☒ tense ☒ verbal stem

☐ nme ☐ pfm ☒ prs ☐ uvf ☒ vbe ☐ vbs

☒ rela ☒ subphrase#

☒ determination ☒ function ☒ type ☐ rela ☐ rela_a ☐ phrase_a# ☒ phrase#

☐ txt ☒ type ☐ rela ☒ tab ☒ code ☐ clause_a# ☒ clause#

☐ sentence_a# ☒ sentence#

q531.csv chart

The stored query results are up to date.

Public: ☒

Name: Double imperatives

Description:

Finding the right context

This is a variation on Reinoud Oosting: Repetition of Imperative in Isa 40:1 which provides the context **book** for two consecutive clauses.

Dirk Roorda: Double imperatives 1 → text data

107 hits in 49 verses on 3 pages

Exodus 17:5
וַיֹּאמֶר יְהוָה אֶל-מֹשֶׁה עֲבֹד לִפְנֵי הָעָם וְקַח אִתָּךְ מִזֶּקְנֵי יִשְׂרָאֵל וּמִטֶּיֶךָ אֲשֶׁר הָכִיתָ בּוֹ אֶת-הַיָּאֵר קַח בְּיָדְךָ וְהִלַּכְתָּ:

Numeri 31:17
וְעִתָּהּ תִּרְגְּנוּ כָל-זָכָר בַּטָּף וְכָל-אִשָּׁה יִדְעַת אִישׁ לְמִשְׁכַּב זָכָר תִּרְגְּנוּ:

Judices 4:18
וַתֵּצֵא יָעִל לְקַבְּרָתָא סִיסְרָא וַתֹּאמֶר אֵלָיו סוּרָה אֲדֹנִי סוּרָה אֵלַי אֶל-תִּירָא וַיִּסָּר לָהּ וַתִּכְסֶּהוּ בַשְּׂמִיכָה:

Cite query page view

Click **Cite** to share a query, a word, or a page view

w1978.csv chart

vocalized-hebrew: אָרֶץ

vocalized-translit: >EREY

consonantal-hebrew: ארץ

consonantal-translit: >RY

disambiguated-hebrew: אָרֶץ/

disambiguated-translit: >RY/

part-of-speech: subs

lexical set:

proper noun category:

Root:

language: hbo

gloss: earth

אָרֶץ = >RY/ 1 → text data

2504 occurrences in 2190 verses on 110 pages

Genesis 1:1
בְּרֵאשִׁית בָּרָא אֱלֹהִים אֶת הַשָּׁמַיִם וְאֶת הָאָרֶץ:

Genesis 1:2
וְהָאָרֶץ הָיְתָה תִּהְיוֹ וְנָחֳשָׁד עַל-פְּנֵי תְהוֹם וְרוּחַ אֱלֹהִים מְרַחֶפֶת עַל-פְּנֵי הַמָּיִם:

Genesis 1:10
וַיִּקְרָא אֱלֹהִים לַיַּבֶּשֶׁת אָרֶץ וּלְמִקְנֵה הַמָּיִם קָרָא יַמִּים וַיֵּרָא אֱלֹהִים כִּי-טוֹב:

Cite word page view

Click **query** and **word** to generate short, permanent links

Click **page view** to generate a long link to the page as it looks now

hide words

X all my W one off

☒ W אֱלֹהִים god(s)

☒ W אָרֶץ earth

☒ W שָׁמַיִם heavens

hide queries

X all my one off

☒ Herma Holtr.. herma t..

☐ Dirk Roorda.. aap2

Genesis 2 → text data

25 verses

1 וַיִּכְלֹ הַשָּׁמַיִם וְהָאָרֶץ וְכָל-צָבָאם:

2 וַיִּכְלֹ אֱלֹהִים בַּיּוֹם הַשְּׂבִיעִי מְלָאכְתּוֹ אֲשֶׁר עָשָׂה וַיִּשְׁבַּת בַּיּוֹם הַשְּׂבִיעִי מְלָאכְתּוֹ אֲשֶׁר עָשָׂה:

3 וַיְבָרֶךְ אֱלֹהִים אֶת-יוֹם הַשְּׂבִיעִי וַיְקַדֵּשׁ אֹתוֹ כִּי בּוֹ שָׁבַת מְלָאכְתּוֹ אֲשֶׁר-בָּרָא אֱלֹהִים לַעֲשׂוֹת: פ

4 אֵל וּלְדוֹת הַשָּׁמַיִם וְהָאָרֶץ בְּהִבְרָאָם בַּיּוֹם עָשׂוֹת יְהוָה אֱלֹהִים אָרֶץ וּשְׁמַיִם:

וְהָיָה מִרְחַת יְהוָה רֹאשׁ וְרֹאשׁ הַמִּשְׁכָּה מִרְחַת יִצְחָק הִלָּל לֹא הַמִּשְׁכָּה

Cite page view

or **tweet** the view directly

Customize
highlighting of
words

show **all** words of the
chapter in the list

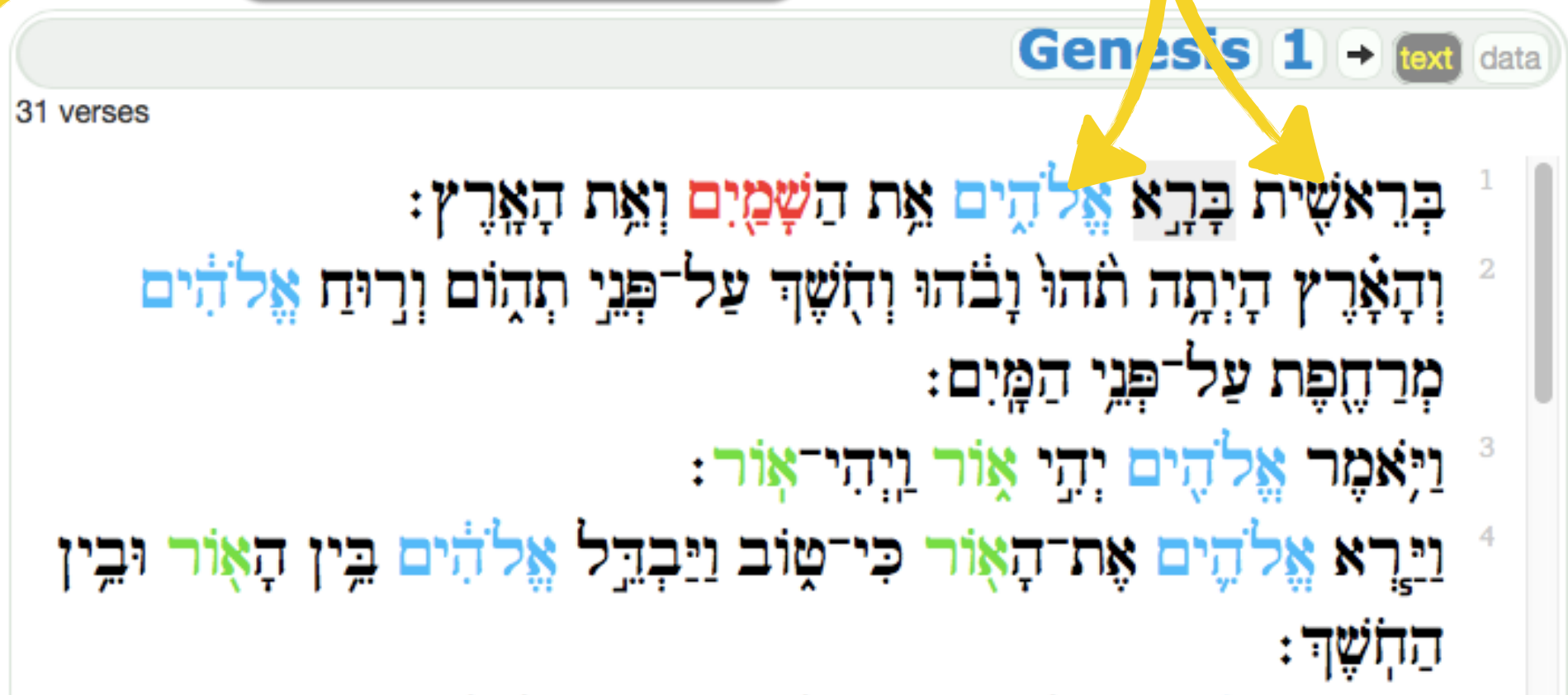
show word highlights
according to **my** settings

show word highlights in **one**
fixed, selectable color

switch **off** all word
highlighting

click **any word** to toggle its
highlight. Highlighted words
count as customized.

reset word
highlighting to
factory settings



customize the highlight
color of a single word.
Uncheck the box to
uncustomize.

Single word view

download csv file of all occurrences of this word, not just the ones shown on this page

click chapter labels to view whole chapter

visualize occurrences throughout the Bible on a clickable chart

show a dialog to go to other pages - press **Esc** to dismiss

customize the highlight color for this word also from here

find this word in the list of word entries

all available information about this word

occurrences in verse context

hint: Click a verse number to toggle data view for that verse only

SHEBANQ The Text W

download csv file of all occurrences of this word, not just the ones shown on this page

click chapter labels to view whole chapter

visualize occurrences throughout the Bible on a clickable chart

show a dialog to go to other pages - press **Esc** to dismiss

customize the highlight color for this word also from here

find this word in the list of word entries

all available information about this word

occurrences in verse context

hint: Click a verse number to toggle data view for that verse only

2504 occurrences in 2190 verses on 110 pages

choose page

1 2 3 4 5 6 10 20 30 40 50 100 110

Genesis 1: 1

Genesis 1: 2

Genesis 1: 10

Genesis 1: 11

Queries and muting (advanced)

full text search on organization, project, people and queries. The meaning of the numbers are explained in other boxes.

without a filter, you can quickly select your own queries and your unpublished queries

queries/matches in the levels. The **bold** number indicates real matches, the grey number indicates how many items there are with a match in its subtree

simple **advanced**

Filter

no filter applied

all matches

all with children

in all queries

in my queries

in private queries

Level

organizations (10)

projects (20)

users (41)

queries (338)

manual

total # queries in this sub tree

total # queries of this organization, project or user

of queries that are **up-to-date**, **have never run**, have **outdated results**

The screenshot shows a hierarchical tree of queries. Annotations with yellow arrows point to specific parts of the interface:

- An arrow points from the 'total # queries in this sub tree' box to the 'Public Queries' entry, which shows a calculation: $240 + 1 + 97 = 338$.
- An arrow points from the 'total # queries of this organization, project or user' box to the 'Public Queries' entry.
- An arrow points from the '# of queries that are up-to-date, have never run, have outdated results' box to the 'Public Queries' entry.
- An arrow points from the 'if logged in you can add/edit orgs, projects, queries here' box to the 'testOliver' query entry.
- An arrow points from the 'my queries are bold, and if they are private they are italic too' box to the 'testOliver' query entry.

The tree structure is as follows:

- Public Queries (240+1+97=338) +
 - Projects without Query (=0) +
 - DANS(13+1=14) +
 - Test Projects(2+1=3) +
 - shebanq(11+1=12 of 20) +
 - Dirk Roorda(11+1=12 of 14)
 - testOliver (bold, italic)
 - ha (bold)
 - Elohim Jahweh (bold)
 - Jahweh Elohim (bold)
 - shibboleth (bold)
 - Shibboleth only (bold)
 - test (bold)
 - verbs (bold)
 - proper names (bold)
 - Aramaic (bold)
 - test for Reinoud (bold)
 - Double imperatives (bold)
- ETCBC(44+1+28=73) +
- VU Amsterdam(14+4=18) +
- OT department Andrews University(168+62=230) +

Customize highlighting of queries

highlight hits of **all** queries in the list

show query highlights according to **my** settings

show query highlights in **one** fixed, selectable color

switch **off** all query highlighting

reset query highlighting to factory settings

Why does my query not appear in the list?

1. it is not public
2. its results are outdated
3. it has no results in this chapter
4. I have *muted* this query

show words

X all **my** one off

<input type="checkbox"/>	Alexander B..	this is..
<input type="checkbox"/>	Christiaan ..	To spea..
<input checked="" type="checkbox"/>	Oliver Glan..	AUS Sym..
<input type="checkbox"/>	Oliver Glan..	Jer 4:2..
<input type="checkbox"/>	Oliver Glan..	Jer 4:2..
<input checked="" type="checkbox"/>	Oliver Glan..	PI-Sg l..
<input type="checkbox"/>	Oliver Glan..	tutoria..
<input type="checkbox"/>	Oliver Glan..	tutoria..
<input type="checkbox"/>	Martijn Naa..	ki + pt..
<input checked="" type="checkbox"/>	Martijn Naa..	ptc in..
<input type="checkbox"/>	Dirk Roorda..	na
<input type="checkbox"/>	Dirk Roorda..	speak q..
<input type="checkbox"/>	Dirk Roorda..	verbs
<input type="checkbox"/>	Femke Siebe..	Domain ..
<input type="checkbox"/>	henk van de..	testing..

Genesis 1 other chapters ... text data

31 verses

בְּרֵאשִׁית בָּרָא אֱלֹהִים אֶת הַשָּׁמַיִם וְאֶת הָאָרֶץ:

וְהָאָרֶץ הָיְתָה תֹהוּ וָבֹהוּ וְחָשֶׁךְ עַל־פְּנֵי תְהוֹם וּרוּחַ אֱלֹהִים מְרַחֶפֶת עַל־פְּנֵי הַמַּיִם:

וַיֹּאמֶר אֱלֹהִים יְהי אֹר וַיְהי־אֹר:

וַיֵּרָא אֱלֹהִים אֶת־הָאֹר כִּי־טוֹב וַיַּבְדֵּל אֱלֹהִים בֵּין הָאֹר וּבֵין הַחֹשֶׁךְ:

וַיִּקְרָא אֱלֹהִים לְאֹר יוֹם וּלַחֹשֶׁךְ לַיְלָה וַיְהי־עֶרֶב וַיְהי־בֹקֶר יוֹם אֶחָד: פ

וַיֹּאמֶר אֱלֹהִים יְהי רָקִיעַ בְּתוֹךְ הַמַּיִם וַיְהי מַבְדִּיל בֵּין מַיִם לַמַּיִם:

וַיַּעַשׂ אֱלֹהִים אֶת־הָרָקִיעַ וַיַּבְדֵּל בֵּין הַמַּיִם אֲשֶׁר מִתַּחַת לָרָקִיעַ וּבֵין הַמַּיִם אֲשֶׁר מֵעַל לָרָקִיעַ וַיְהי־כֵן:

וַיִּקְרָא אֱלֹהִים לָרָקִיעַ שָׁמַיִם וַיְהי־עֶרֶב וַיְהי־בֹקֶר יוֹם שְ�נִי:

וַיֹּאמֶר אֱלֹהִים יִקְווּ הַמַּיִם מִתַּחַת הַשָּׁמַיִם אֶל־מָקוֹם וַיְהי־כֵן:

customize the highlight color of a single query. Uncheck the box to **uncustomize**.

Single *query* view

download csv file of *all* hits of this query, not just the ones shown on this page

CHART! see later on

show a dialog to go to **other pages** - press **Esc** to dismiss

click **chapter labels** to view whole chapter

customize the highlight color

jump to this query in tree view

description in mark-down with pretty links to other queries

If a modified query is not executed, its hits are *outdated*. **Outdated queries are not shown in the sidebar.**

all available information about this query and links to documentation

q531.csv chart

Double imperatives

Dirk Roorda DANS shebanq

Finding the right contexts

This is a variation on Reinoud ...
Finding: Repetition of ...

select all objects where

[verse
[clause
[phrase function =
Pred

status results up to date

published ☐

created 2015-02-26 10:06:41

modified 2015-02-13 14:42:12

executed 2015-02-13 14:42:12

ETCBC4 feature doc

MQL quick reference guide (pdf)

MQL Query Guide by Ulrik (pdf)

ETCBC4 transcription table (pdf)

hits in verse context

go to edit and execute view

Dirk Roorda: Double imperatives 1 → text data

107 hits in 49 verses on 3 pages

Exodus 17:5

וַיֹּאמֶר יְהוָה אֶל־מֹשֶׁה עֲבֹר לִפְנֵי הָעָם וְקַח אֶת־מִזְבְּחִי וּמִטָּף אֲשֶׁר הָכִיתָ בּוֹ אֶת־הַיָּאֵר קַח בְּיָדְךָ וְהִקְדַּח:

Numeri 31:17

וַעֲתָה הִרְגוּ כָל־זָכָר בְּטָף וְכָל־אִשָּׁה יָדַעַת אִישׁ לְמִשְׁכָּבִי הִרְגוּ:

Judices 4:18

וַתֵּצֵא יַעֲלִי לִקְדָּשׁ וַתִּירָא וַיִּסְּ:

Judices 5:12

עֹרִי עֹרִי דְבוּלָה עֹרִי עֹרִי דְבַר־שִׁיר קוֹם בָּרֶק וְשִׁבָּה שְׂבִיחַ בּוֹ־אֵל:

Samuel I 24:12

וְאָבִי רָאָה נָם רָאָה אֶת־כִּנְף מְעִילָךְ בְּיָדִי כִּי בִכְרָתִי אָוַר מְעִילָךְ וְלֹא הִרְגָתִיךָ בָּעַ וּרְאָה כִּי אֵין בְּיָדִי רָעָה וּפָשַׁע וְלֹא־חָטָאתִי לָךְ וְאַתָּה צִדָּה אֶת־נַפְשִׁי לְקַחְתָּהּ:

Samuel II 16:7

וְיָבֹא עַל־יָדֶיךָ וְיִשְׁלַח אֶת־יָדָיו עָלֶיךָ וְיִשְׁכַּח אֶת־כָּל־אֲשֶׁר עָשִׂיתָ לְיָדֶיךָ וְיִשְׁכַּח אֶת־כָּל־אֲשֶׁר עָשִׂיתָ לְיָדֶיךָ:

choose page

1	2	3	4	5	6
7	10	20	30	40	50
100	200	300	400	500	687

enlarge preview of *query* in a pop-up

Publish if you are content with the query. Public queries show up in the sidebar, if the results are up-to-date.

Query developer view

Help others understand your query by writing in mark-down

after execution, results will be refreshed

Hint: if you want to link to an other query, you can get a valid mark-down link from the **Queries** page.

The screenshot shows the 'Query developer view' interface. At the top, there's a title bar with a tab labeled 'q531.csv chart'. Below it, the main content area is titled 'Double imperatives'. A yellow arrow points from the 'Help others understand your query by writing in mark-down' callout to the text area. The text area contains a markdown snippet: '# Finding the right contexts' followed by a paragraph: 'This is a variation on [Reinoud Oosting: Repetition of imperative in Isa 40:1] (http://shebanq.ancient-data.org/hebrew/text?iid=530&mr=r&qw=q) which provides the context "book" for two consecutive clauses.' Below the text area is a code editor with a query body. A yellow arrow points from the 'Edit the query body' callout to the code editor. The query body is a JSON-like structure:

```
select all objects where
[verse
[clause
[phrase function = Pred
[word AS w1 FOCUS sp = verb AND vt = impv ]
]
]
[clause
[phrase function = Pred
[word FOCUS sp = verb AND vt = impv AND ... ]
w1.lex ]
]
]
```

 Below the code editor are three buttons: 'Done', 'Execute', and 'Save'. A yellow arrow points from the 'Save and execute' callout to the 'Execute' button. Another yellow arrow points from the 'Just save' callout to the 'Save' button. Below the buttons are two status bars: 'same query body' and 'Query executed'. A yellow arrow points from the 'Watch the messages from the query engine' callout to the 'Query executed' bar. At the bottom left, there's a 'status' section with 'results up to date' (checked), 'published' (unchecked), 'modified' (2015-02-26 21:07:45), and 'executed' (2015-02-26 21:07:45). A yellow arrow points from the 'clear messages' callout to a trash icon next to the status section.

Double imperatives

Finding the right contexts

This is a variation on [Reinoud Oosting: Repetition of imperative in Isa 40:1] (http://shebanq.ancient-data.org/hebrew/text?iid=530&mr=r&qw=q) which provides the context "book" for two consecutive clauses.

```
select all objects where
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]
]
[clause
[phrase function = Pred
[word FOCUS sp = verb AND vt = impv AND ... ]
w1.lex ]
]
]
```

Done Execute Save

same query body

Query executed

status results up to date

published ☐

modified 2015-02-26 21:07:45

executed 2015-02-26 21:07:45

Edit the query body

Back to normal layout

Save and execute

Just save

Watch the messages from the query engine

clear messages

Dirk Roorda: Double imperatives 1 →

text data

107 hits in 49 verses on 3 pages

Exodus 17:5

וַיֹּאמֶר יְהוָה אֶל-מֹשֶׁה עֲבֹד לַפָּנִי הַעֵם
וְקַח אֶתֶּךָ מִזִּקְנֵי יִשְׂרָאֵל וּמִטֶּף אֲשֶׁר
הָכִיתָ בּוֹ אֶת-הַיָּאֵר קַח בְּיָדְךָ וְהִלַּכְתָּ:

Numeri 31:17

וַעֲתָה הֲרֵגוּ כָל-זָכָר בְּטָרַף וְכָל-אִשָּׁה
יָרַעַת אִישׁ לְמִשְׁכַּב זָכָר הֲרֵגוּ:

Judices 4:18

וַתֵּצֵא יָעֵל לִקְרֹאת סִיסְרָא וַתֹּאמֶר אֵלָיו
סוּרָה אֲדֹנָי סוּרָה אֵלָי אֶל-תִּירָא וַיָּסֶר
אֵלָיָהּ הָאֱהָלָה וַתִּכְסֶּהוּ בַשְּׂמִיכָה:

Judices 5:12

עוֹרֵי עוֹרֵי דְבוּלָה עוֹרֵי עוֹרֵי דְבָרֵי-שִׁיר
קוֹם בָּרֶק וְשִׁבְחָה שְׁבִיחָה בֶן-אֲבִינֵעָם:

Samuel I 24:12

וְאָבִי רָאָה נָם רָאָה אֶת-כָּנָף מַעִילָהּ בְּיָדֵי
כִּי בִכְרָתִי אֶת-כָּנָף מַעִילָהּ וְלֹא הִרְגָתִיךָ
דָּע וּרְאָה כִּי אֵין בְּיָדֵי דָעָה וְפָשַׁע



Familiar with Python? Feeling the urge to do more with this data?
LAF-Fabric offers an API by which you can master the data

nbviewer

תָּ and locatives

We try to mark all those occurrences of תָּ + object + complement. What we want to mark is whether the complement is a proper indirect object or a locative.

This is part of Janet's project of creating a valence dictionary and using a flowchart to arrive at the meaning of a verb in its context of complements.

First we use an MQL query to get all occurrences of תָּ with an object and a complement. Then we apply a few heuristics to detect those cases where the complement is a locative or an indirect object.

The query is also on SHEBANQ, a version by [Dirk](#) and a version by [Janet](#).

```
import sys
import collections
import subprocess

from lxml import etree

import laf
from laf.fabric import LafFabric
from etcbc.preprocess import prepare
from etcbc.mql import MQL
fabric = LafFabric()
```

0.00s This is LAF-Fabric 4.4.6
API reference: <http://laf-fabric.readthedocs.org/en/latest/texts/API-ref>

LAF-Fabric supports walking over the data.

You can fire MQL queries within LAF-Fabric as a starting point ...

and then use the full, detailed results programmatically

It is an off-line tool, open source, and you can download the ETCBC4 data, Open Access. Start with [readthedocs](#).

The notebooks you create with LAF-Fabric, you can share online

Documentation and Support

[MQL quick reference guide \(pdf\)](#)

[MQL Query Reference by Ulrik \(pdf\)](#)

[ETCBC4 feature doc](#)

[ETCBC4 transcription table \(pdf\)](#)

Please report issues to [Dirk Roorda](#).