

# Welcome to SHEBANQ

## User Guide

last updated 2015-04-21

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**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



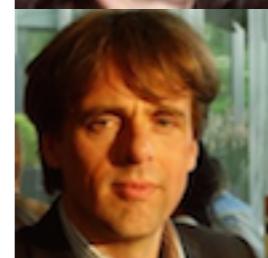
**Eep Talstra**, founder of ETCBC. Still computing (Pascal): participant data in the making.



**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**

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## **Documentation and Support**

**Read the *Text***

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

select a *version* of the ETCBC database

select a Bible book

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

view **text** or choose an alternative style

SHEBANQ

The Text

Words

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Log In ▾

show words

show queries

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**



etcbc

4

4b

4s

Genesis 1



text

Dirk

31 versos

בראשית בָּרוּא אֱלֹהִים אֶת הַשְׁמִינִים וְאֶת הַאָדָם:  
וְהָאָדָם קִיַּתָּה תְּהוֹל וּבָהוּ וְחַשֵּׁךְ עַל-פִּנֵּי תְּהוֹם  
וְרֻיחָה אֱלֹהִים מִרְחַפֶּת עַל-פִּנֵּי הַמִּים:

וַיֹּאמֶר אֱלֹהִים יְהִי אוֹר וַיֹּהִי אוֹר וַיֹּרֶא אֱלֹהִים אֶת-הָאוֹר  
וַיֹּרֶא אֱלֹהִים אֶת-הָאוֹר

בֵּין הָאוֹר וּבֵין הַחַשֵּׁךְ:

וַיֹּכְלֶא אֱלֹהִים לְאֹרֶן

choose chapter

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50				

hint: click a verse number for an interlinear display of linguistic data

Context items for this chapter

words with highlighted occurrences

queries with highlighted hits

click author to go to query and all hits

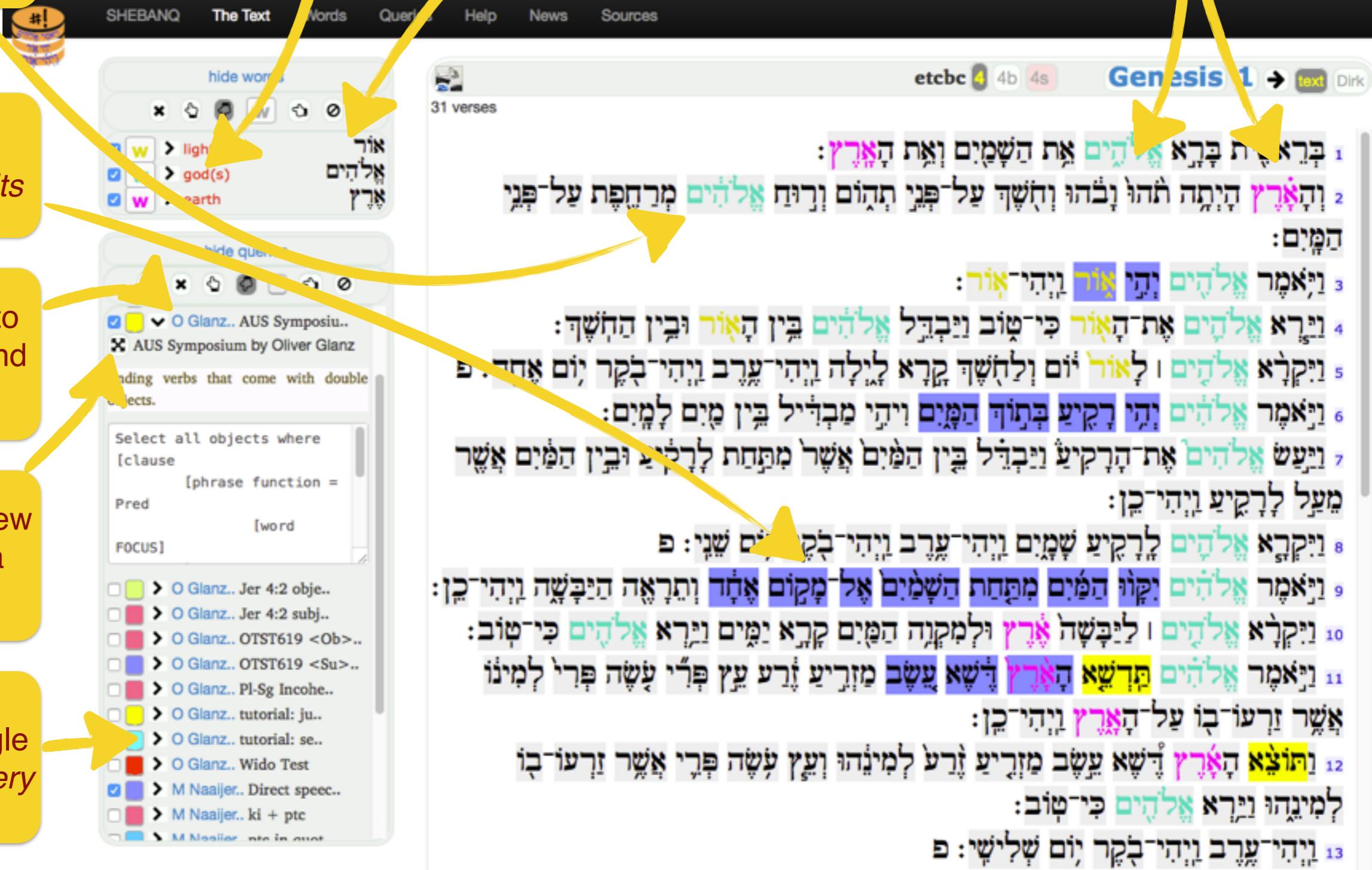
enlarge preview of query in a pop-up

click > to toggle preview of query

click **gloss** to toggle preview of word

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

click **any word** to toggle its highlight



Show the  
Data

show/hide an  
entire row

show/hide a  
single feature

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

click the **verse numbers** to  
view/hide the data

The screenshot shows the etz-od software interface for analyzing the first verse of Genesis 1. The top navigation bar includes 'etz-od 4 4b 4s', 'Genesis 1', 'text', 'Dir', and 'legend'. Below the text, it says '31 verses'.

The main content area displays the Hebrew text: 'בראשית ברא אלֹהִים את השמים ואת הארץ' followed by 'וְהָרֶץ קִיַּתָה וְהַלְוֵה וְחַשְׁךָ עַל־פְנֵי תְהוָם וְרוּחָה אֱלֹהִים מְרֻאָה עַל־פְנֵי'. Below the text is its morphological analysis:

בראשית	VP 1	WayX 472	1
ברא	VP 2	WayX 472	1
אלֹהִים	NP 3	WayX 472	1
את	NP 2	ZYqX 999	2
הַשָׁמִים	NP 1	ZYqX 999	2
וְהָרֶץ	VP 1	WayX 472	3
קִיַּתָה	VP 2	WayX 472	3
וְהַלְוֵה	CP 1	NayX 200	3
וְחַשְׁךָ	CP 1	NayX 200	3
עַל־פְנֵי	NP 3	WayX 200	4
תְהוָם	NP 2	WayX 200	4
וְרוּחָה	NP 1	WayX 200	4
אֱלֹהִים	NP 3	WayX 200	5
מְרֻאָה	NP 2	WayX 200	5
עַל־פְנֵי	NP 1	WayX 200	5

A legend on the left side lists features: '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#', and 'sentence#'. Checkmarks indicate which features are currently selected.

Yellow arrows and callouts provide instructions:

- An arrow points from the 'Show the Data' callout to the 'text' checkbox in the legend.
- An arrow points from the 'show/hide an entire row' callout to the 'lexeme' checkbox in the legend.
- An arrow points from the 'show/hide a single feature' callout to the 'gloss' checkbox in the legend.
- An arrow points from the 'click the labels to jump to feature documentation' callout to the 'text' label in the top bar.
- An arrow points from the 'click the verse numbers to view/hide the data' callout to the verse number '1' in the top bar.
- A callout 'click legend to select features' points to the legend itself.



## Queries

full text search on organization, project, people and queries

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



SHEBANQ

The Text

Words

Queries

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simple advanced

Filter

dirk

filter applied

all with children (6)

in my queries

clear filter

Level

organizations (0)

projects (0)

users (6)

queries (34)

manual

quickly expand/collapse the tree to a specific level

click the triangles to expand and collapse

- ▼  Shared Queries
  - ▼  DANS
  - shebanq
  - Test Project
  - ▼  ETCBC2
  - ▼  Data and Tradition
    - ▼  Dirk Roorda
      - [לְתַלְיָה וּלְוִצְאֵת](#)
      - [לְתַלְיָה וּלְוִצְאֵת](#)
  - ▼  LAF-Fabric
    - ▼  Dirk Roorda
      - [Yesh](#)
  - ▼  Test Project
    - ▼  Dirk Roorda
      - [gil](#)
  - ▼  VU Amsterdam
    - ▼  SynVar
    - ▼  Dirk Bakker
      - [Comparatives](#)

+ Enter new query

click the + to enter a new query

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

generate a mark-down hyperlink to this query to be used in the description of an other query

click on the name of the query to go to the page of this query to edit and run it

## Queries - more info

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

simple advanced

### Filter

dirk

filter applied

all matches (4)

**all with children** (4)

in all queries

in my queries

in private queries

clear filter

### Level

organizations (0 2)

projects (0 4)

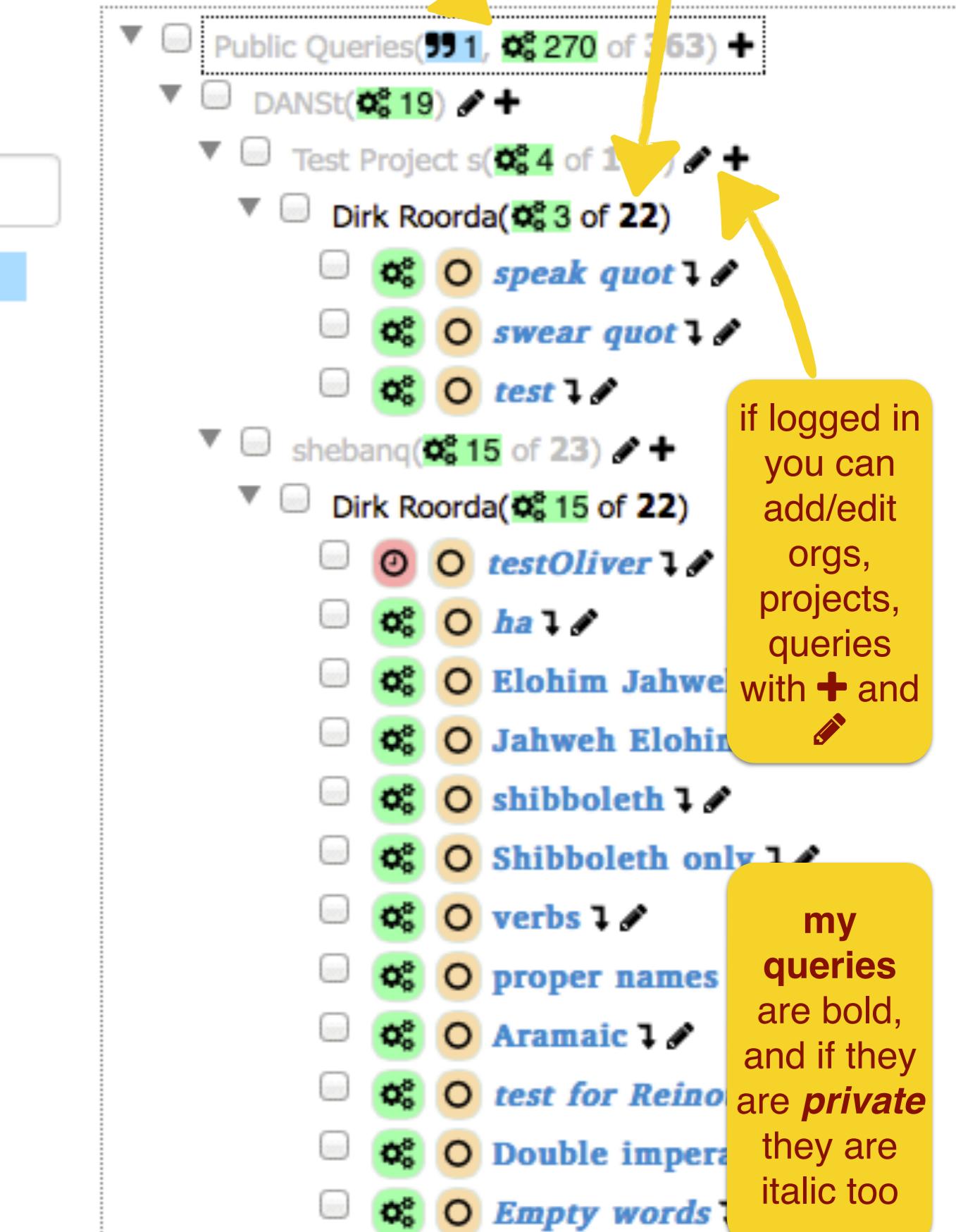
users (4 0)

queries (22)

manual

# of queries that are *published* (↳) or up to date (⚙️).

# queries of this organization, project or user



# 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

my queries are bold, and if they are *private* they are italic too

## Queries - muting

If you feel overwhelmed by the amount of queries showing up in the sidebar, you can use **muting** to suppress them.

use *checkboxes to mute* queries, so that they do not show up in the sidebar. You can also mute organizations and projects in one click.

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

simple advanced

### Filter

dirk

no filter applied

all with children

in my queries

### Level

organizations (16)

projects (29)

users (43)

queries (363)

manual

- ▼  Public Queries +
- Projects without Queries +
  - ▼  DANSt +
  - Test Projects +
  - shebanq +
  - ▼  ETCBC +
  - Test Projects +
  - shebanq +
  - Poetic Patterns +
  - Jeremiah Research +
  - Participants in Psalms +
  - AUS\_OTST686 +
  - Book of Isaiah (D&T) +
  - LAF-Fabric +
  - Data and Tradition +
  - VU Amsterdam +
  - Andrews University +
  - Uni Mainz +
  - Didier Fontaine +
  - +
  - Calvin Theological Seminary +
  - Offene Bibel +
  - United Bible Societies +
  - Bibelwissenschaft +
  - Universidad Adventista del Plata +
  - Universidad Adventista del Plata +
  - Bible Online Learner +
  - Dallas Theological Seminary +

## Notes

You and other can add free-text annotations to every single clause in the text.



SHEBANQ

The Text

Words

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simple advanced

### Filter

aap

all matches

all with children

in all notes

### Level

users (2)

notes (13)

manual

use *checkboxes* to **mute** queries, so that they do not show up in the sidebar.  
You can also mute organizations and projects in one click.

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

See later how to actually view, add, edit and delete notes

▼	<input type="checkbox"/>	Shared Notes( 13 )
▼	<input type="checkbox"/>	Karel Doorman( 3 )
	<input type="checkbox"/>	1 - aap ↓
	<input type="checkbox"/>	1 - fjm ↓
	<input type="checkbox"/>	2 - xpa ↓
▼	<input type="checkbox"/>	Dirk Roorda( 10 )
	<input type="checkbox"/>	- 1 >LHJM ↓
	<input type="checkbox"/>	- 1 aa ↓
	<input type="checkbox"/>	- 1 aap ↓
	<input type="checkbox"/>	- 1 check ↓
	<input type="checkbox"/>	- 1 locatives ↓
	<input type="checkbox"/>	4 1 ntn ↓
	<input type="checkbox"/>	1 - xpa ↓
	<input type="checkbox"/>	- 1 txt ↓
	<input type="checkbox"/>	- 1 אָבִיךְ ↓
	<input type="checkbox"/>	1 - אָבִיךְ ntn ↓

You can give keywords to notes. The combination of a user and a keyword represents a *note set*. These note sets behave a lot like queries in SHEBANQ. They can show up next to the passages which contain their individual notes.

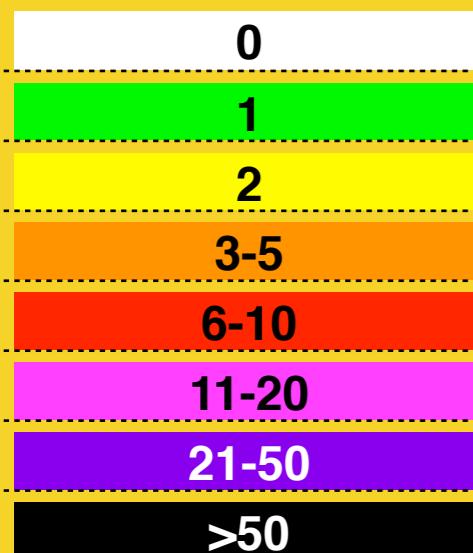
Charts show you where in the Bible the word occurrences and query results are

Back to the word or query you came from

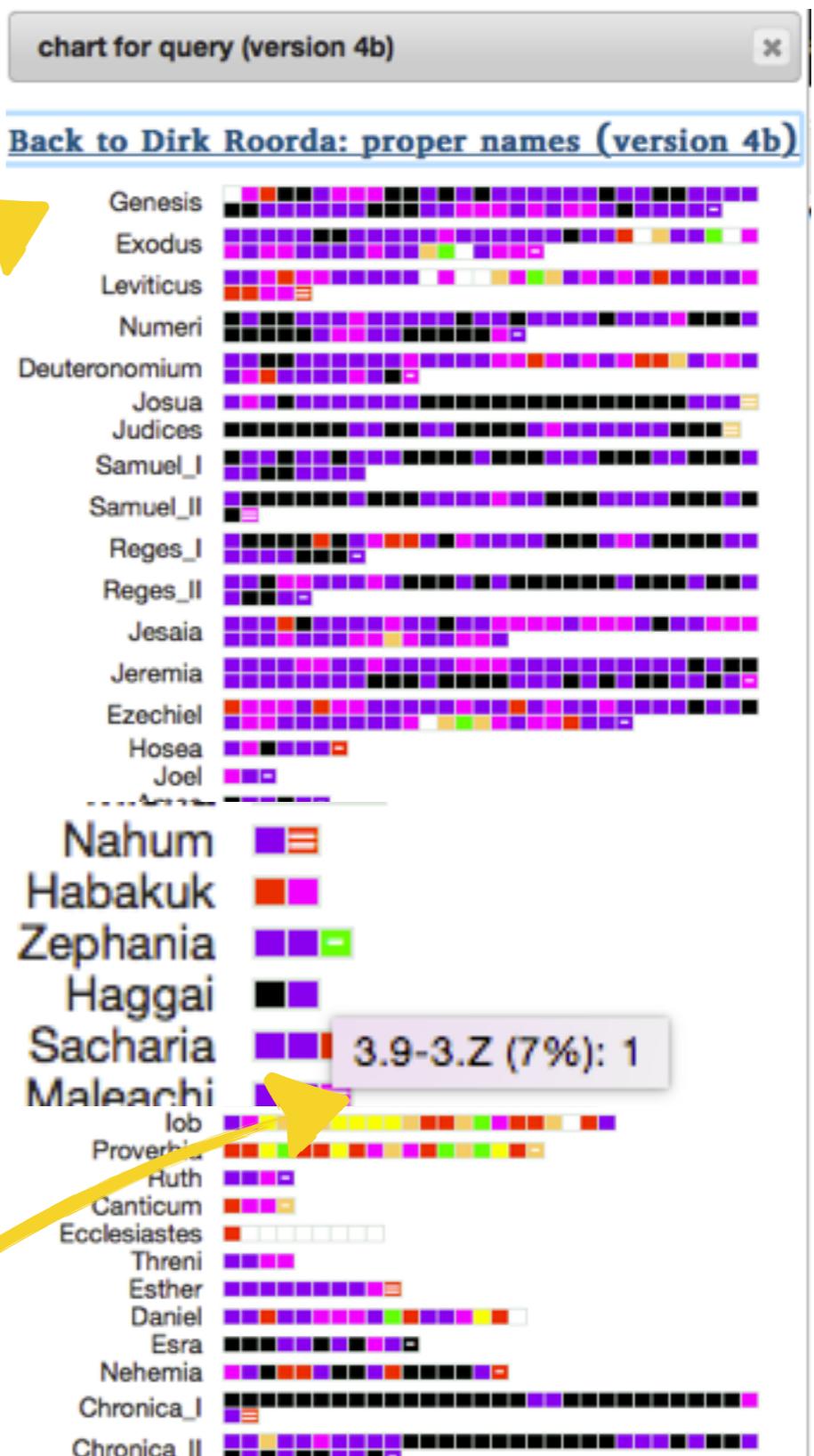
Every **cell** corresponds to a block of 500 words. Clicking it leads you to it.

**Hover** to see the chapter range and the amount of hits/occurrences

The **color** in the cell indicates the *absolute* number of results / 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%

view chart

etcbc 4 4b 4s

Dirk Roorda: נָתַן and locatives 1 → text Dirk legend

3081 words in 833 verses on 42 pages

Genesis 1: 17

נתן and locatives

Dirk Roorda ETCBC Data and Tradition

Complements of נתן

Subject

A special case in the quest for valence patterns: נתן with Pred + Objc +

> shared ✓ 2015-03-09 11:44:53

▼ 4 objects where

// it is a pity that we have  
to enumerate all 6  
permutations

status

results up to date

Download results or occurrences as spreadsheet

Every word occupies a separate row.  
There are always fixed columns for book name, chapter #, verse #.

Custom columns as selected in legend

Default columns: word number, hebrew text

רְקִיעַ	בָּ	אֱלֹהִים	אַתָּם	נָתַן	וְ
firmament	in	Gods	you are	gave	
PP 5	PP 5	WayX 200	WayX 200	WayX 200	WayX 200
InfC 64	InfC 64	VP 1	VP 1	PP 5	PP 5
the	upon	be light	to	heavens	the

the whole list will be exported, not just this page

The csv files open best in Open Office.  
Excel struggles with the Unicode/utf8.  
Numbers (Apple) works reasonably.

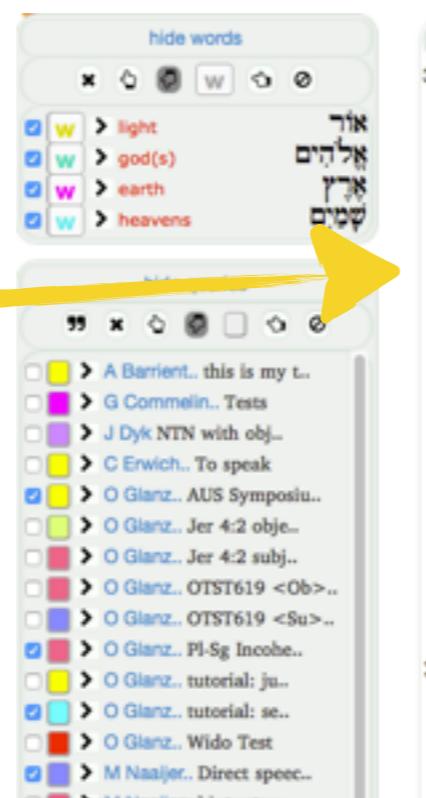


Share what you see

A chapter page  
including the  
customized coloring

A query or query  
version provided the  
query is shared

A word from the  
lexicon



etcbe 4 4b 4s Genesis 1 → text Dirk

31 verses

בראשית בָּקָר אֱלֹהִים אֶת הַשָּׁמְיִם וְאֶת הָאָרֶץ:  
וְהָאָרֶץ קִנְתָּה תְּהֵל וְלַשְׂךְ עַל־פְּנֵי תְּהֵם וְרוּחָה אֱלֹהִים מְרֻחֶפת עַל־פְּנֵי:

וַיֹּאמֶר אֱלֹהִים וְיֹאכֵל אָרֶן וְיִהְיֶה־אָרֶן:  
וַיֹּרֶא אֱלֹהִים אֲתָּה־אָרֶן כִּי־טוֹב מִבְּקָל אֱלֹהִים בֵּין שְׁתֵּשֶׁךְ:  
וַיֹּקְרָא אֱלֹהִים לְאָרֶן יוֹם וְלַחַשְׁךְ קָרָא לִילָה וַיַּהַרְבֵּב גַּוְתִּיר־לְכָרְבָּר יוֹם אַחֲרָיו:  
וַיֹּאמֶר אֱלֹהִים וְתִי בְּקַשְׁ בְּתוֹךְ הַפְּנִים וְתִי פְּבָלֵל בֵּין פְּנִים לְפָנִים:  
וַיַּעֲשֶׂה אֱלֹהִים אֲתָּה־הָרְקִיעַ מִבְּקָל בֵּין הַפְּנִים אֲשֶׁר מְפֻתָּח לְרֹקִיעַ וּבֵין הַפְּנִים אֲשֶׁר  
מִכְלָל לְרֹקִיעַ גַּוְתִּירָה:  
וַיֹּקְרָא אֱלֹהִים לְרֹקִיעַ שָׁמְיִם וַיַּהַרְבֵּב גַּוְתִּירָה וַיַּהַרְבֵּב יוֹם שְׁנִי:  
וַיֹּאמֶר אֱלֹהִים וְקַוְתָּה הַמְּלִים מְפֻתָּח הַשָּׁמְיִם אַחֲרָה וְסַרְאָה הַיְּקָשָׁה גַּוְתִּירָה:  
וַיֹּקְרָא אֱלֹהִים לְיַקְשֵׁל אָרֶן וְלַמְּקֹנָה הַפְּנִים קָרָא נְפִים וַיֹּרֶא אֱלֹהִים כִּי־טוֹב:  
וַיֹּאמֶר אֱלֹהִים קָרְשָׁא קָרְשָׁא עַשְׂבָּם מְזֻרִיעַ זְרֻעָה עַזְּבָּרְעָה שְׁבָּרְעָה פְּרִי לְמִינְזָה

Dirk Roorda ETCBC Data and Tradition

Complements of גַּתְנָה

Subject

A special case in the quest for valence patterns: **וְ** with Pred + Objc +

> shared  2015-03-09 11:44:53

select all objects where

// it is a pity that we have to enumerate all 6 permutations

status results up to date

published  2015-04-09 10:41:07

results 937

words 3081

modified 2015-03-09 11:44:53

executed 2015-03-09 11:44:53

vocalized **אָרֶן**

consonantal **אָרֶן**

disambiguated **/אָרֶן/**

vocalized >OWR

consonantal >WR

disambiguated >WR/  
**subs**

part-of-speech lexical set

proper noun category

language hbo

gloss light

Click **cite** in the drawer in the lower right corner

Then choose from the available options.

query v      query      page view

This query has been published. If that happened more than a week ago, it can be safely cited. It will not be changed anymore.

The results of this query have been obtained after the query body has been last modified

Hint: copy the page content and paste it in an email or in Evernote. For personal hands-on work!

## Versions



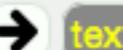
31 verses

etcbc 4

4b

4s

Genesis 1



text

Dirk

legend

We provide access to **multiple versions** of the data. Results that you obtain now, will remain available, even when newer versions of the data are added to SHEBANQ.

ה	את	אלֹהִים אלֹהִים/	בָּיִת	בְּ
ה	את	god(s)	create	beginning
the	<object marker>	NP 3	VP 2	in
PP 4	PP 4	NP 3	VP 2	PP 1
xQtX 0	xQtX 0	xQtX 0	xQtX 0	xQtX 0
ארץ:	ה	את	?	שמיים
ארץ/	the	<object marker>	and	שמיים/
earth	the	<object marker>	and	heavens
PP 4	PP 4	PP 4	PP 4	PP 4
xQtX 0	xQtX 0	xQtX 0	xQtX 0	xQtX 0

2014-07-14: First version of the ETCBC4 database in SHEBANQ [The data for this version is a snapshot. At some locations the encoding is not yet finished. We needed a reasonable version then because of the deadline for SHEBANQ as a project.]

Work on the ETCBC database is ongoing. The text itself does not change much, but the coding of **linguistic annotations** is not yet completed. It is a combination of manual work and programming. While the coding at the lower levels (word, phrase) will not change much, work at the level of clause, sentence, paragraph, discourse is not finished.

**Version 4** is a snapshot of the best data available when SHEBANQ was released. **Version 4s** will be a new, stable release of the ETCBC data, expected in 2015. **Version 4b** is an intermediate version, which will be updated several times until **4s** comes in production. It is not backed up in an archive and should not be used to *publish* queries. Its purpose is to enable you to see how the ETCBC team is filling the gaps in the data.

## Versions and Words

etccbc 4 4b 4s

Aramaic Hebrew

אָבִי

834 words

father	אָבָּ	אָבָּוֹס	אָבִידָעַ	אָבִימָאֵل	אָבִישׁוֹר
bud	אָבָּ	<uncertain>	אָבִיהָ	אָבִימֶלֶךְ	אָבִישׁלוֹם
Abagtha	אָבָּנְחָתָא	אָבָּטְחִים	אָבִיחָדָוָה	אָבִינְדָּבָה	אָבְקָ
perish	אָבָּטִיחָ	אָבָּטִיחָ	אָבִיחָוָאָה	אָבִינְעָםָה	אָבְלָ
what is lost	אָבָּדָה	אָבָּיָה	אָבִיחָוָדָה	אָבִיסָףָה	אָבָלָ Abel-beth-maacah

There are many changes in the lexicon. The older version misses a lot of glosses for proper names.

etccbc 4 4b 4s

Aramaic Hebrew

אָבִי

832 words

father	אָבָּ	אָבָּוֹס	אָבִיחָדָוָה	אָבִינְדָּבָה	אָבְקָ
bud	אָבָּ	<uncertain>	אָבִיחָוָאָה	אָבִינְעָםָה	אָבְלָ
Abagtha	אָבָּנְחָתָא	אָבָּטִיחָ	אָבִיחָוָדָה	Eblasaph	אָבָלָ Abel-beth-maacah
perish	אָבָּדָה	אָבָּיָה עַלְבּוֹן	אָבִיחָילָה	Ablezer	אָבָלָ Abel Shittim

On word pages, you can switch from version to version.

etccbc 4 4b 4s > B / אָב : text Dirk

1215 occurrences in 1061 verses on 54 pages

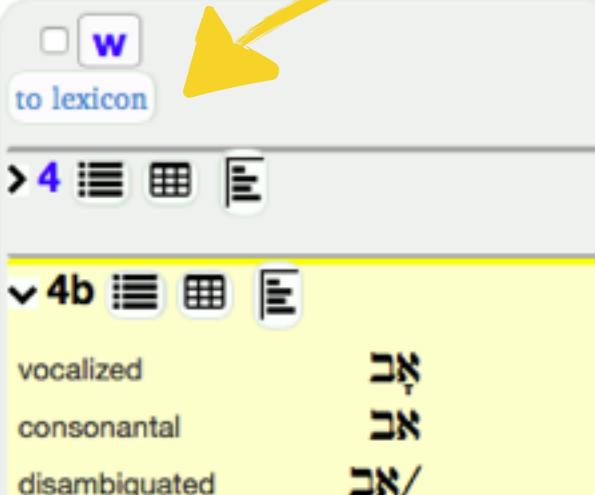
Genesis 2: 24

עַל־כֵּן יַעֲזֹב־אִישׁ אֶת־אָבִיו וְאֶת־אֶמֶּנוּ וְדַבָּק בְּאַשְׁתָּוֹ וְהִי לְבָשָׂר אֶחָד:

Genesis 4: 20

וְתַלְדֵּעַ רָהַ אֶת־יִבְלֵל הַוָּא הַזֶּה אָבִי יַשְׁבֵּאָהָל וְמַקְנֵה:

Genesis 4: 21



# Versions and Queries

You can run queries on all available versions of the data.

If needed, you can adapt the MQL to each version: very query has a version dependent part and a version independent part.

you can **share** a query as a *whole*, so that other can see it

you can **publish** an *individual version* of a query, so that it can be cited.

The MQL and the results of a published query will be **frozen** (hence the icy color). You cannot edit or re-execute a published query.

It takes one week before a published query version gets frozen. During that week you can still *un-publish* it.

תְּמִימָנִים and locatives

Dirk Roorda ETCBC Data and Tradition

## Complements of תְּמִימָנִים

### Subject

A special case in the quest for valence patterns: תְּמִימָנִים with Pred + Objc +

> shared  2015-03-09 11:44:53

▼ 4

```
select all objects where

// it is a pity that we have
to enumerate all 6
permutations
```

status results up to date  
published 2015-04-09 10:41:07  
results 937  
words 3081  
modified 2015-03-09 11:44:53  
executed 2015-03-09 11:44:53

> 4b

stat	never executed
published	X
results	None

> Guides

3081 words in 833 verses on 42 pages

**וְתִדְבֹּר אָזֶן הַזֹּאת נִיכְן שֵׁם מָזְבֵּחַ לִיהוּ**

## Number of query results

## Number of words in query results

**הולד עיררי ובן-מלך ביתו הוא**

Click the version numbers to switch versions.

וְבֵית יָרֵשׁ אֶת

## Versions and Notes

Individual notes are always comments to a particular clause in a particular version of the data.

Note sets may contain notes on all versions of the data.

You can set individual notes as **shared** and/or **published**. You refer to them by the sets they are in i.e. by the combination of user and keyword. Shared and published sets can grow and shrink, but published items cannot be removed from sets anymore.

The screenshot shows the ETCBC4 interface with three versions of a clause from Genesis 1:2. The top version is 'etcbc' (4b, 4s), the middle is '4b', and the bottom is '4'. Each version has its own note set table.

**Version etcbc (4b, 4s):** Contains four notes. The first note (blue dot) is empty. The second note (blue dot, 'aap') is labeled 'noot'. The third note (red cross, 'ntn') is labeled 'wrong coding in Objc'. The fourth note (blue dot, 'txt') is labeled 'look at text alignment'. A yellow callout points to the '4' button with the text: 'Click the version numbers to switch versions.'

**Version 4b:** Contains one note (blue dot, 'locatives') with the text 'we need to look at ... as well'. A yellow callout points to the '4b' button with the text: 'Number of notes, annotated clauses and annotated verses in this version'.

**Version 4:** Contains one note (blue dot, 'ntn') with the text 'this is an exemplary case'. A yellow callout points to the '4' button with the text: 'Number of notes, annotated clauses and annotated verses in this version'.

The interface includes a sidebar with navigation links: 'to notes overview', 'author: Dirk Roorda', 'keyword: ntn', and download links for 'ETCBC4 feature doc' and 'ETCBC4 transcription table (pdf)'.

## Share or Publish queries?

When you **share** a query, others can see what you are doing, in all of its versions

You can modify a **shared** query; you can run all (unpublished) versions of it

You can **un-share** a query any time (provided it has no published versions).

A merely **shared** query is unsuitable for citing in journal articles

When you **publish** a query version, you and other can cite it plus its results

You cannot modify a **published** query version; you can not run that version

You cannot **un-publish** a query version (except within a week after publishing it).

You can add other query versions next to a published version; you can still modify the query *description*.

Query versions are published independently from each other

A **published** query *version* is suitable for citing in journal articles. Its MQL body and results are frozen. It may become part of the scholarly record.

The screenshot shows a software interface for managing query versions. At the top, there is a header with the title 'בְּנֵי נָתָן and locatives' and 'Dirk Roorda ETCBC Data and Tradition'. Below the header, there are sections for 'Complements of בְּנֵי נָתָן' and 'Subject'. A note states: 'A special case in the quest for valence patterns: בְּנֵי נָתָן with Pred + Objc +'. There are two main entries listed:

status	published	results up to date
shared	2015-03-09 11:44:53	
status	published	results
published	2015-04-09 10:41:07	937
status	published	words
published		3081
status	modified	modified
published	2015-03-09 11:44:53	2015-03-09 11:44:53
status	executed	executed
published		2015-03-09 11:44:53

Below these entries, there are two more sections labeled '4b' and '4b' with their own sets of fields.

## Citation

**Chapter links** are links in which the particular view settings by you are encoded. You can show other people the page as you see it.



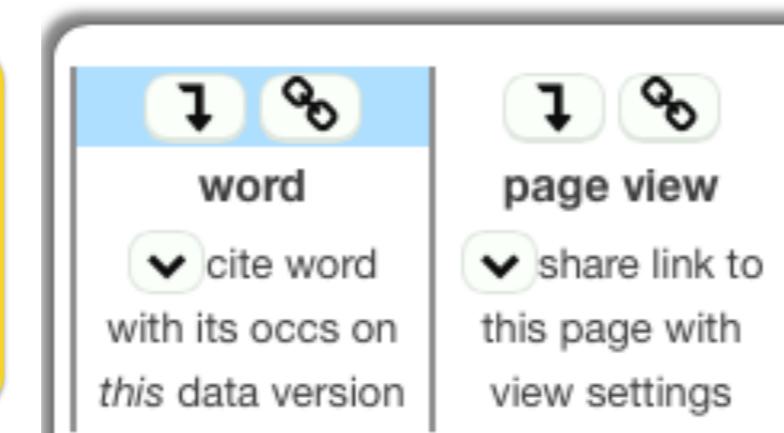
↓ offers you a markdown link  
[title] (<http://shebang...>)

You can paste this in query descriptions. SHEBANQ then shows them as friendly hypertext links.

🔗 offers you the url only  
<http://shebang...>

You can use this for Twitter, email, citations.

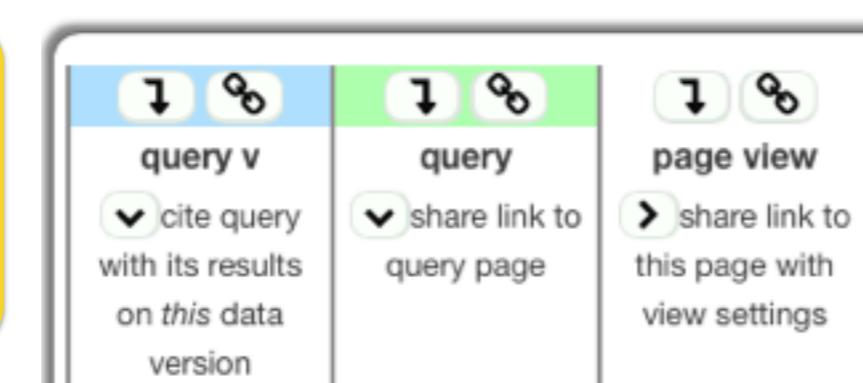
**Word links** are links to pages for individual words and all their occurrences. A word is tied to a particular *version* of the data.



You receive warnings if you ask a link to an **unshared** query or to an **unpublished** query version.

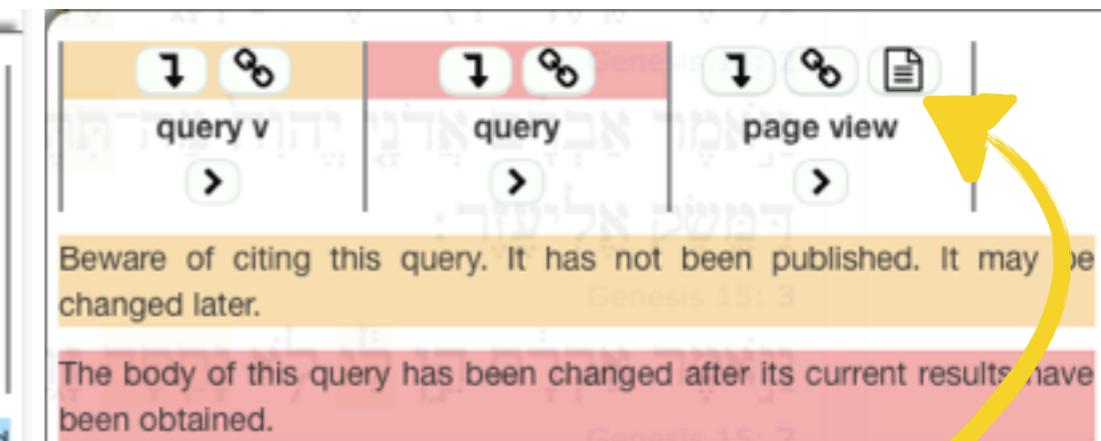
You are also warned if the query in question has outdated results.

**Query links** are links to pages for queries and all their results. Use them to point to a **shared** query.



This query has been published. If that happened more than a week ago, it can be safely cited. It will not be changed anymore.

The results of this query have been obtained after the query body has been last modified



**Query version** links are tied to a particular version of the data. Use them to **cite a published** query.

**Hint:** copy the page content and paste it in an email or in Evernote. For personal hands-on work!

Customize highlighting of words

reset word highlighting to factory settings

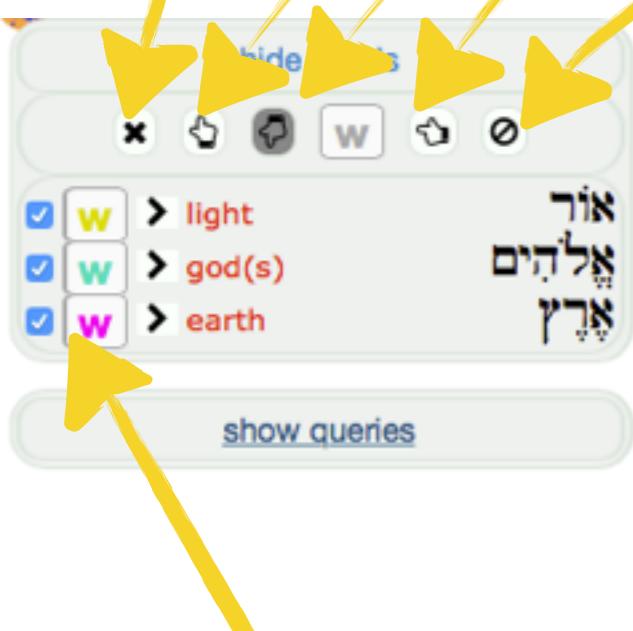
show all words of the chapter in the list

show word highlights according to settings **below**

show word highlights in one fixed color, selected **left**

switch off all word highlighting

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



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

The screenshot shows a list of Hebrew verses from the book of Genesis, chapter 1. The first four verses are displayed:

- 1 בְּרֵאשִׁית בָּרָא אֱלֹהִים אֵת הַשְׁמִים וְאֵת הָאָרֶץ:
- 2 וְהָאָרֶץ קִיַּתָה תְּהוֹ וּבָהּ וְחַשְׁךָ עַל-פְנֵי תְהוָם וְרִיחָא אֱלֹהִים מְרֻחֶפת עַל-פְנֵי הַמְּנוּמִים:
- 3 וַיֹּאמֶר אֱלֹהִים יְהִי אֹור וַיֹּהִי אֹור:
- 4 וַיֹּרֶא אֱלֹהִים אֲתִדְהֹאֹור כִּי-טֹוב וַיַּקְרֵב אֱלֹהִים בֵּין קֹאֹור וּבֵין הַחַשְׁךָ:

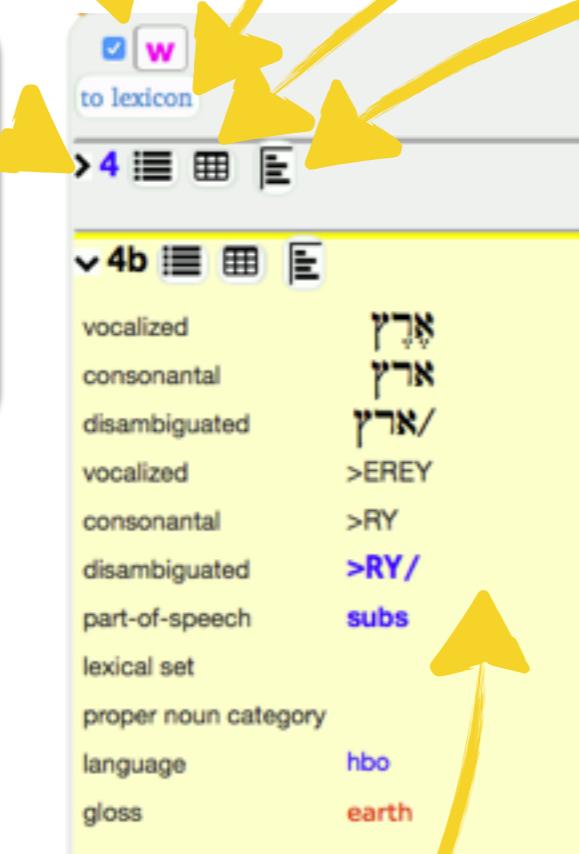
Specific words like 'אֱלֹהִים' and 'אָרֶץ' are highlighted in different colors (green, blue, red) across the verses.

## Single word view

**customize** the  
highlight color  
for this word  
also from here

find this word  
in the list of  
word entries

see the data  
for this word  
according to  
other  
versions



all available information about this word

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

**visualize** occurrences throughout  
the Bible on a clickable **chart**

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

## occurrences in verse context

**click chapter  
labels to view  
whole chapter**

**hint:** Click a verse number to toggle data view

## Making queries

**About organizations and projects:** although orgs and projects and queries are shown in a tree, with projects under orgs, in fact there is no hierarchy between orgs and projects. Some projects are carried out by multiple orgs, and orgs can run multiple projects. So you will see repeated occurrences of the same project.

Start with clicking + (you need to be logged in)

The screenshot shows the SHEBANQ interface with a navigation bar at the top: SHEBANQ, The Text, Words, Queries, Notes, Help, News, Sources. Below the navigation bar are buttons for 'simple' and 'advanced' modes, and a 'Filter' section with a search input containing 'dirk' and buttons for 'all with children', 'in my queries'. A 'Level' section lists categories: organizations (16), projects (30), users (69), and queries (501). On the left, a sidebar displays a hierarchical tree of 'Shared Queries' and 'Organizations'. The 'DANS' organization is selected, highlighted with a blue border. The 'shebanq' project under DANS is also highlighted. A yellow arrow points from the text 'While editing your query, choose an existing org/project by clicking the blue circles in the tree' to the 'shebanq' node in the tree. To the right of the tree is a 'New query' dialog box with a title '+ Enter new query'. It contains fields for 'Name' (test query), 'Organization' (DANS), 'Project' (checkmark), 'Name' (test project x), and 'Website' (http://x.y). There are buttons for saving, discarding, and closing the dialog. A yellow arrow points from the text 'But you can also add a new org and/or project on the fly!' to the 'Organization' field. Another yellow arrow points from the text 'Click to discard or to save or to save and close the name of the query and its associated org and project' to the bottom right corner of the dialog, where a red arrow indicates the save/cancel buttons.

simple advanced

Filter

dirk

all with children

in my queries

Level

organizations (16)

projects (30)

users (69)

queries (501)

While editing your query, choose an existing org/project by clicking the blue circles in the tree

Shared Queries

- Andrews University
- Calvin Theological Seminary
- DANS
  - shebanq
  - Test Project
- ETCBC
- AUS\_OTST686
- Book of Isaiah (D&T)
- Data and Tradition
- Jeremiah Research
- LAF-Fabric
- Participants in Psalms
- Poetic Patterns
- shebanq
- Test Project
- United Bible Societies
- Universidad Adventista del P.
- VUA

+ Enter new query

New query

Name test query

Organization DANS

Project

Name test project x

Website http://x.y

Click to discard or to save or to save and close the name of the query and its associated org and project

But you can also add a new org and/or project on the fly!

## Making queries

### + Enter new query

#### Modify query

Name

Organization  DANS



Project  test project x



project added  
query added



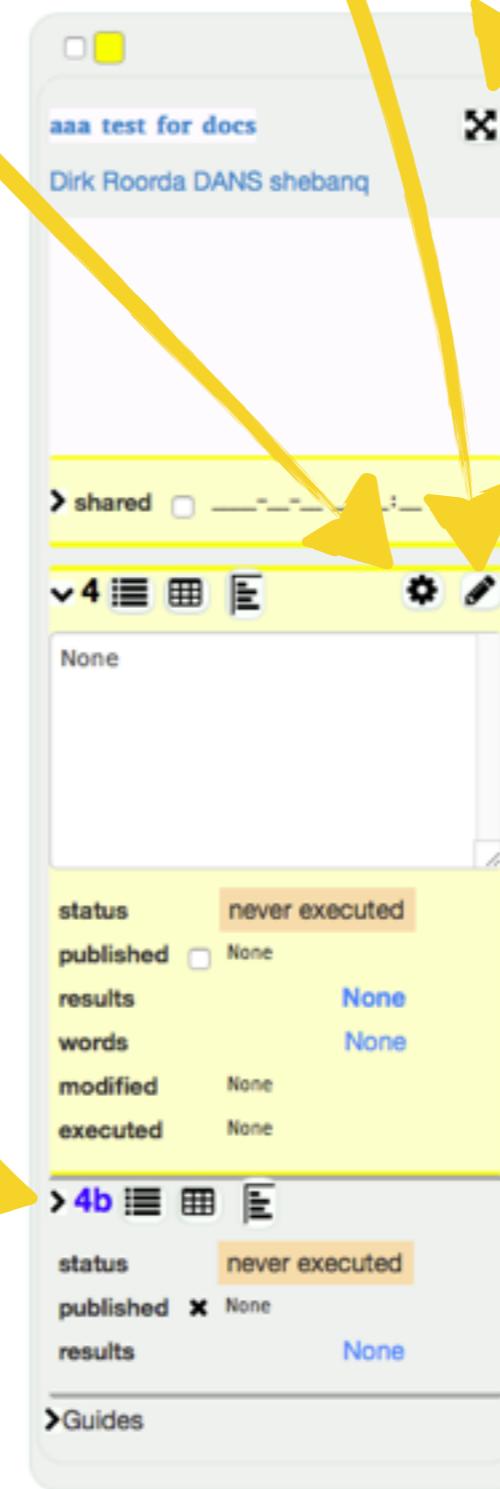
You may want to refresh the tree, so see your new query there

Or go immediately to the page where you can edit your query instruction and write a description

If you want to work on another version of the data, click its version indicator.

Click **edit**  to get started with editing the actual MQL instruction.

Finally, click **execute**  to execute the query on the indicated version of the data.



If you need more space, you can get it by clicking 

While editing, you can still modify the name and description of the query.

For every version of the data, you can write and run a separate MQL instruction.

Name, description, and sharing are properties of the query as a whole.

MQL, publishing, number of results are properties of a query w.r.t. a specific version.

Customize highlighting of queries

show published queries only

reset query highlighting to factory settings

highlight hits of all queries in the list

show query highlights according to settings below

Why does my query not appear in the list?

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

The screenshot shows a software interface for managing queries, likely related to Biblical Hebrew. At the top, there are several buttons: 'show words' (grey), 'reset highlights' (blue), 'highlight all' (green), 'highlight none' (red), and 'switch off' (orange). Below these are two rows of checkboxes corresponding to various queries. The first row includes: 'A Barrient.. this is my t..', 'G Commelin.. Tests', 'J Dyk NTN with obj..', 'C Erwic.. To speak', 'O Glanz.. AUS Symposiu..', 'O Glanz.. Jer 4:2 obje..', 'O Glanz.. Jer 4:2 subj..', 'O Glanz.. OTST619 <Ob>..', 'O Glanz.. OTST619 <Su>..', 'O Glanz.. Pl-Sg Incohe..', 'O Glanz.. tutorial: ju..', 'O Glanz.. tutorial: se..', 'O Glanz.. Wido Test', 'M Naaijer.. Direct spe..', 'M Naaijer.. ki + ptc', 'M Naaijer.. ptc in quot..', 'R Oosting.. How many ver..', 'D Roorda.. Direct Speec..', 'D Roorda.. verbs', 'D Roorda.. and lo..', 'F Siebesma.. Domain test ..', and 'F Siebesma.. Two concordat'. The second row includes: 'show query highlights in one fixed, color selected left' (with a red arrow pointing to the 'left' button), 'switch off all query highlighting' (with a red arrow pointing to the 'switch off' button), 'customize the highlight color of a single query. Uncheck the box to uncustimize.' (with a red arrow pointing to the 'uncustomize' checkbox), and 'highlight hits of all queries in the list' (with a red arrow pointing to the 'highlight all' button).

etcbc 4 4b 4s Genesis 1 →

בראשית בָּרָא אֱלֹהִים אֶת הַשָּׁמִים וְאֶת הַ  
וְהָאָرֶץ הִיְתָה תְּהֻלָּה וּבָהּ וְחַשֵּׁךְ עַל־פְּנֵי תְּהֻמָּה וְנִרְאָה אֱלֹהִים אֶת־הָאָרֶץ כִּי־טֹוב וַיַּבְغַל אֲלֹהִים וַיַּקְרֵא אֱלֹהִים לְאוֹלֵם וְלַחֲשֵׂד קָרָא לִילָּה וְיַהְיָה־עָרָב וְיַהְיָה־בָּקָר יוֹם אֶחָר: פ  
וַיֹּאמֶר אֱלֹהִים יְהִי רְקִיעַ בְּתוֹךְ הַמְּפִימִים וַיַּהַי מִבְּדִיל בּוֹן מִים לְמִים:  
וַיַּעֲשֶׂה אֱלֹהִים אֶת־הַرְקִיעַ וַיַּבְדֵּל בּוֹן הַמְּפִימִים אֲשֶׁר  
מַעַל לְرְקִיעַ וְיַהְיֶה־כֵן:  
וַיַּקְרֵא אֱלֹהִים לְרְקִיעַ שָׁמִים וְיַהְיָה־עָרָב וְיַהְיָה־בָּקָר  
וַיֹּאמֶר אֱלֹהִים יְקֻנוּ הַמְּפִימִים מִפְתַּח הַשָּׁמִים  
וַיַּקְרֵא אֱלֹהִים לִיבְשֵׂה אֶרֶץ וְלִמְקֹנה הַמְּפִימִים קָרָא יְמִים וַיַּרְא אֱלֹהִים כִּי־טֹוב:  
וַיֹּאמֶר אֱלֹהִים תִּדְשָׂא הָאָרֶץ דְּשָׂא עַזְעַז פָּרֵץ עַשְׂתָּה מִזְרִיעַ עַד שָׂבֵב אֲשֶׁר זָרְעָתָךְ וְיַהְיֶה־כֵן:  
וְתֹצֵא הָאָרֶץ דְּשָׂא עַשְׂתָּה מִזְרִיעַ זָרָע לְמִינְגָּהוּ וְעַזְעַז עַשְׂתָּה פָּרֵץ אֲשֶׁר זָרְעָתָךְ

**Single query view**

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

**show chart**  
of results in whole Bible

**click chapter labels** to view whole chapter

**hint:** Click a verse number to toggle data view

**customize the highlight color**

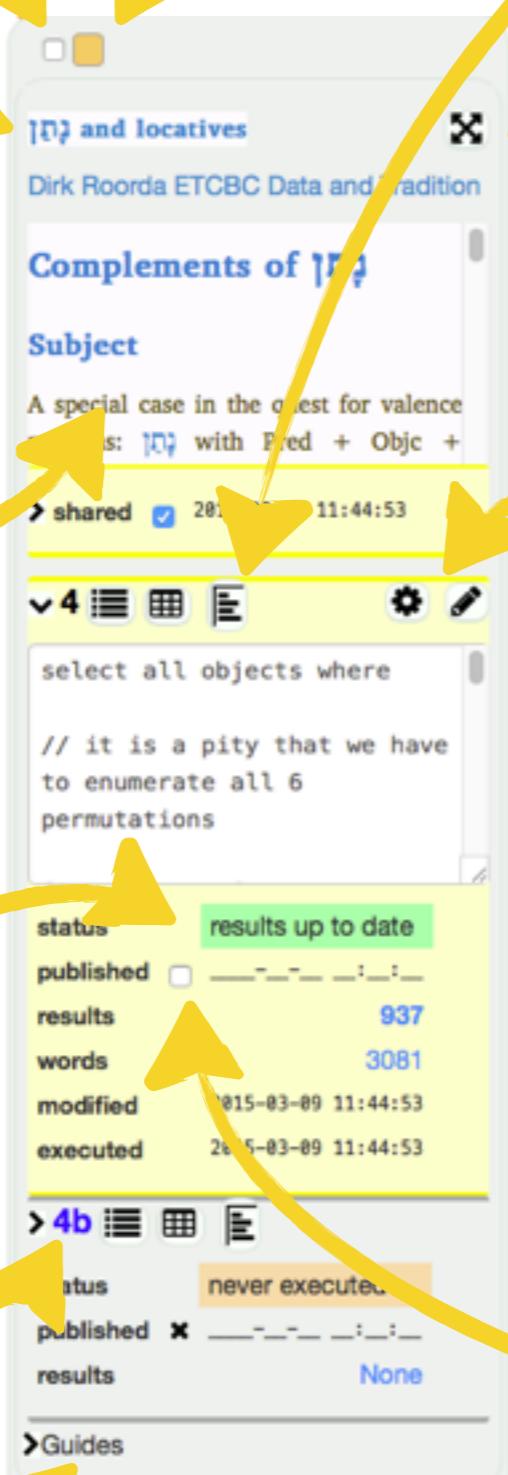
**jump** to this query in tree view

**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.**

other query versions

links to documentation



**enlarge** preview of query in a pop-up

וַיֹּאמֶר אֱלֹהִים הִנֵּה נְתַתִּי לְכֶם אֶת-כָּל-עַשֶּׂב וָזֶבַע זֶבַע אֲשֶׁר עַל-פְנֵי כָל-הָאָרֶץ  
וְאֶת-כָּל-הָעָז אֲשֶׁר-בָּוּ פְרִידְעַז זֶבַע זֶבַע לְכֶם יִהְיֶה לְאַכְלָה:  
כִּי תַּשְׁבַּל אֶת-הָאָדָם לְא-תַסְפֵּף תְּחִפְחָה לְהַגְּעָה וְנִדְרְךָ תַּהֲיוּ בָּאָרֶץ:  
כָּל-רַמֶּשׁ אֲשֶׁר הוֹא-בָּהּ לְכֶם יִהְיֶה לְאַכְלָה כִּירַק שְׁבַע נְתַתִּי לְכֶם אֶת-תְּקַשְׁתִּי נְתַתִּי בְּעַנְנוּ וְהִזְמִיל לְאֹתְךָ בְּרִית בֵּין וּבֵין הָאָרֶץ:  
וַיַּרְא יְהוָה אֱלֹהִים וַיֹּאמֶר לְזֹרֶעֶךְ אַתָּה אֶת-הָאָרֶץ הַזֹּאת וַיַּבְנֵן שָׁט מִזְבֵּחַ לְיהוָה  
הַנִּרְאָה אֲלֵינוּ:

לְיִצְחָק אֲשֶׁר-מִنּוּ צְבִירֵךְ בִּיהְדָךְ וַיַּפְנִילוּ מְעַשֵּׂר מִכֶּלֶל:  
סָרְם אֶל-אַבְרָם פָּנָל הַנָּפֶשׁ וְהַרְכֵשׁ קָח-לְךָ:  
אָדָנִי יְהוָה מִה-תַּפְנִיל וְאַנְכִי הַולֵּד עֲרִיכִי וּבָנו-מִשְׁק בִּיתִי הַוָּא  
דִּמְשָׁק אֲלִיעָזֶר:  
וַיֹּאמֶר

**Publish** this version of the query if you are content with it. It will be frozen after a week, unless you unpublish it.

**edit / execute query**

results in verse context

**Query developer view**

Help others understand your query by writing in mark-down

and locatives

Dirk Roorda ETCBC Data and Tradition

```
# Complements of נִתְן
## Subject
A special case in the quest for valence pattern
id=6381) with Pred + Objc + Cmpl.
```

► shared ✓ 2015-03-09 11:44:53

▼ 4

select all objects where

// it is a pity that we have to enumerate all 6 permutations

```
[book[chapter[verse
[clause // VOC
```

```
[phrase function = Pred [word focus lex = 'NTN[']
..
```

```
[phrase function = Objc]
..
```

```
[phrase function = Cmpl [word focus first and last] or [word focus first]
[word focus]* [word focus last]]
```

same query body

Query executed

status	results up to date
published	x
results	937
words	3081
modified	2015-03-09 11:44:53
executed	2015-04-09 11:15:57

► 4b

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

Edit the query body

Watch the messages from the query engine

clear messages

after execution, results will be refreshed

Save and back to normal layout

Discard and back to normal layout

Just save

Save and execute

וַיָּרֶא יְהוָה אֱלֹהִים וַיֹּאמֶר לְזֹרֶעֶךְ אֶתְנָהָרֶץ הַגָּאת וַיַּבְנֵן שֵׁם מִזְבֵּחַ לִיהְיוֹת הַנְּרָאָה אֲלֵינוּ:

וּבְרוּךְ אֱלֹהִים עַלְיוֹן אֲשֶׁר-מִגּוֹן צְבָאֵךְ בְּיַדְךָ וַיַּתְפַּלְלָה מְשֻׁרְמָלָל:

Tabbed views are developed to provide a better picture of the text structure, with narrative clauses versus quotations, the relations between clauses, etc.

experimental

data view still possible

You cannot **save** comments other than copy and paste a page with comments on it into another application.

If you copy a page with comments to Evernote and Word, you can continue editing comments there. You can also edit everything else!

Tabbed view style  
Notes

click repeatedly to cycle through all styles

Display of several phrase/ clause(\_atom) level attributes

The screenshot shows a digital interface for analyzing a Biblical text in Hebrew. At the top, the header reads "etccbc 4 4b 4s Genesis 1 text Nicolai". The main content displays two lines of Hebrew text with grammatical annotations:

1. # את ה שמיים ו את ה הארץ: Obj Subj Pred ברא אלhim

2. # Add comments manually

תהלך ו בהו PreC Pred Subj Conj נ הארץ ו חוץ פנוי תהום PreC Subj Conj WXQt NmCl

3. # this is a comment

על פניהם מרחפת PreC Subj Conj Ptcp

Annotations include color-coded parts of speech (Obj, Subj, Pred, Cmpl, PreC, Conj, etc.) and arrows pointing to specific words or structures. A yellow box labeled "Add comments manually" points to the second line of text. A yellow box at the bottom left contains the text "this is a comment". A yellow box at the bottom right contains the text "OK". A yellow box on the right side contains the text "Time". A yellow box at the top right contains the text "xQtX". A yellow box at the bottom right contains the text "WXQt". A yellow box at the bottom right contains the text "NmCl". A yellow box at the bottom right contains the text "Ptcp".

Tabbed views are developed to provide a better picture of the text structure, with narrative clauses versus quotations, the relations between clauses, etc.

Display of several phrase/ clause(\_atom) level attributes

Tabbed view style Syntax

click repeatedly to cycle through all styles

experimental

etccbc 4 4b 4s Genesis 1 → text Oliver

31 verses

1 את ה שמים ו את ה ארץ: Objc אלֹהִים Subj בָּרָא Pred בְּרָא Time ? xQtX 0

2 תַּהוֹן בְּהֹן קִימָתָה Pred קָרֵץ Subj נֶחֱשָׁךְ Subj עַלְפָנִי תְּהוּם Conj נֶמְרַחֲפָת PreC לְרִיחָהָלֹה Subj נֶמְרַחֲפָת Conj ?? WXQt 422 ?? NmCl 402 ?? Ptcp 460

3 אלֹהִים Subj יִאמֶר Pred נֶאֱמָר Conj אָזְרָה Subj יִתְהִיר Pred נֶאֱמָר Conj אָזְרָה Subj יִתְהִיר Pred נֶאֱמָר Conj ?N WayX 472 ?NQ ZYqX 999 ?N WayX 200

4 vocalic consonantal file 4\_w1AWRn\_Nicolai.csv :download all occurrences of this word with tab info as a csv

115 oct

אָלֹהִים Objc אלֹהִים Subj בָּרָא Pred בְּרָא Conj נֶמְרַחֲפָת Pred נֶמְרַחֲפָת Conj נֶאֱמָר Pred נֶאֱמָר Conj ?N WayX 200 ?N xQt0 527 ?N WayX 200

Hint: For queries and words, there is an extra control to export tabbed view as csv.

Tabbed views are developed to provide a better picture of the text structure, with narrative clauses versus quotations, the relations between clauses, etc.

Abstract representation of words and phrases

but highlighting and clicking on words still work!

**Visualization style Abstract**

click repeatedly to cycle through all styles

experimental

etcbc 4 4b 4s Genesis 1 → text Dirk

31 verses

1

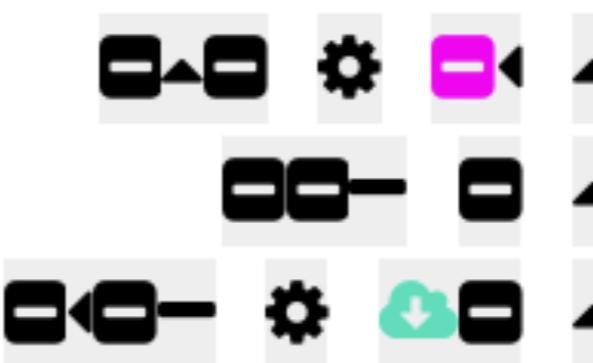


2



data view still possible

**Exercise:** what do the different symbols mean?  
**Hint:** use the data view.



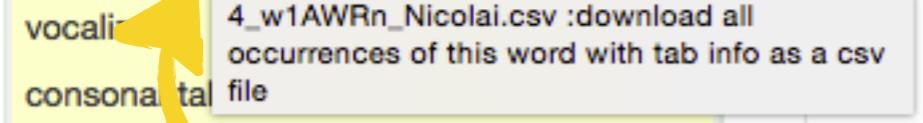
3



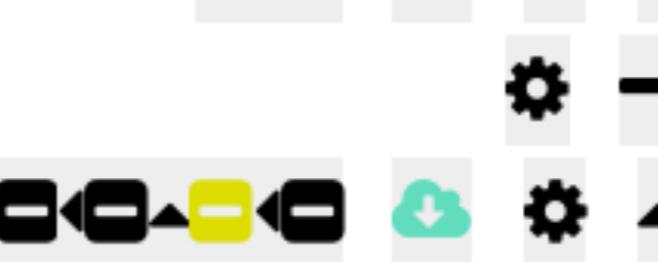
115 oct



4



**Hint:** For queries and words, there is an extra control to export tabbed view as csv.



## Navigating notes

Click the author to go to the note set and see all its members (with chart and csv exports)

There is a third sidebar, showing the note sets relevant to this passage

Here are the controls to hide or show notes. One for the whole chapter at once, and ones for each individual verse

The notes menu brings you to an overview of all user contributed note sets

notes are only accessible in Nicolai view

The screenshot shows the SHEBANQ interface with the following elements:

- Top Navigation Bar:** SHEBANQ, The Text, Words, Queries, Notes, Help, News, Sources.
- Notes Menu:** A yellow box labeled "Notes" with an arrow pointing to it in the top right corner.
- Sidebar (Left):** A vertical sidebar with the following items:
  - show words
  - show queries
  - hide notes
  - A list of notes by Dirk Roorda:
    - > D Roorda.. check
    - > D Roorda.. aap
    - > D Roorda.. >LHJM
  - notes by: Dirk Roorda with keyword >LHJM
  - In this chapter: 1 note in 1 verse
  - A list of other notes:
    - > D Roorda.. אֶלְקָנָה
    - > D Roorda.. ntn
    - > D Roorda.. aa
    - > D Roorda.. locatives
    - > D Roorda.. txt
- Third Sidebar (Center):** A yellow box labeled "Allow only published notes to show up". It also contains a note icon and the number 1.
- Text View (Right):** The main text area displays the beginning of Genesis 1:1 in Hebrew and English. The Hebrew text is:

אַתָּה בְּרֹא אֱלֹהִים אֶת הַשָּׁמָן  
בְּרֹא אֶת הָאָرֶץ:

 The English translation is:

In the beginning God created the heaven and the earth.

 The text is annotated with parts of speech: Objc, Subj, Pred, Time, PreC, Subj, Conj, Cmpl, PreC, Subj, Conj, and Conj.
- Bottom Right:** Buttons for xQtX, WXQt, NmCl, and Ptcp.

**Viewing notes**

Notes are attached to individual clause\_atoms.

column with the content of the notes.

the authors of the notes

notes are only accessible in Nicolai view

show/hide notes

note status

keywords  
group  
individual  
notes into  
sets

The screenshot shows a Hebrew sentence from the book of Genesis, chapter 1, verse 1, in the etcbc interface. The sentence is: "אֱלֹהִים בָּרָא אֶת הַשְׁמִינִי בְּרִאשֵׁית אֶת הָאָרֶץ". The interface includes a toolbar at the top with buttons for text and Nicolai view, and a notes table below the sentence.

Objc	Subj	Pred	Time	xQtX
אֱלֹהִים	בָּרָא	אֶת הַשְׁמִינִי	בְּרִאשֵׁית	

The notes table below contains the following rows:

●			me	“”
●	ntn xpa	special attention	me	“”
●	ntn	coding error in subject phrase	me	“”
★	xpa	let op de נָחָת	Karel Doorman	“”
●	aap	noot	Karel Doorman	“”
●	fjm	coding problems	Karel Doorman	“”

# Editing notes

show/hide  
notes for  
whole chapter

Save  
notes for  
this verse  
or all  
verses

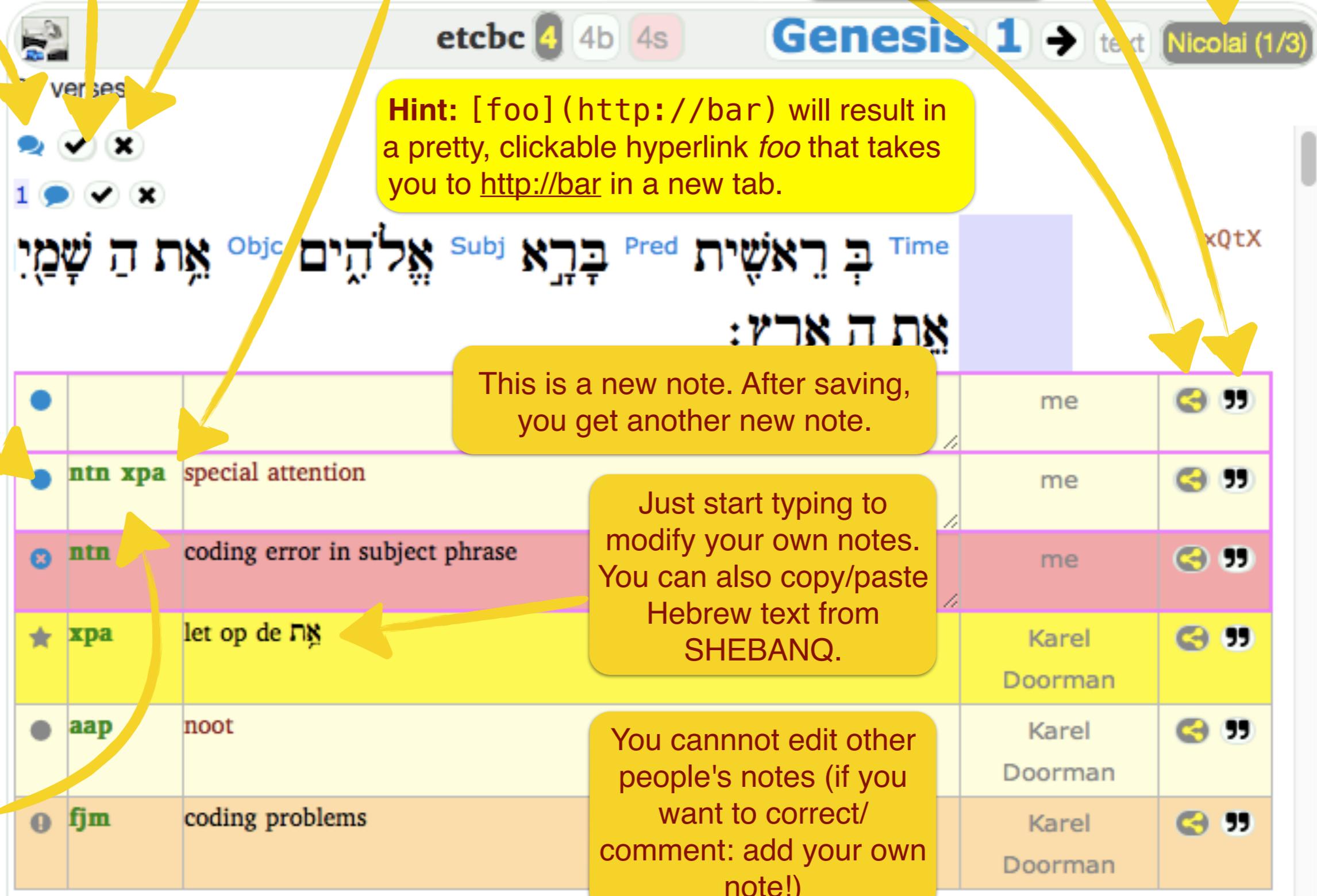
Revert  
to last  
saved  
value

Delete a note  
by making  
keywords and  
text empty

share notes.  
New notes  
are shared  
by default.

click to publish/  
unpublish.  
Published notes  
freeze after a  
week.

notes are only  
accessible in  
Nicolai view



## Bulk uploading notes

You can upload csv files with a large number of "manual" notes to SHEBANQ

You need to be on a special list of "Uploaders"

Words    Queries    Notes    Help    News    Sources

Log In ▾

▼	□	Shared Notes( 15 )
▼	□	Karel Doorman( 3 )
	□	1 - aap ↓
	□	1 - fjm ↓
	□	2 - xpa ↓
▼	□	Dirk Roorda( 12 )
	□	- 1 >lhjm ↓
	□	- 1 aa ↓
	□	- 4 aap ↓
	□	- 1 check ↓
	□	- 1 locatives ↓
	□	1 1 ntn ↓
	□	1 xpa ↓
	□	- 1616 ntn-loca ↓
	□	1 - test ↓
	□	- 1 txt ↓
	□	- 1 אָבִי ↓
	□	1 אָמֵן ntn

This note set is a typical result of a csv upload

Here are detailed specifications of the csv files that you submit.

You need a tool like **LAF-Fabric** to generate the precise clause\_atom numbers that are used to link notes to their target clause\_atoms.

### Bulk note upload through csv

You are not allowed to upload csv files with notes. Please contact [Dirk Roorda](#) for permissions.

Here are the specifications:

> general

✓ column names

The first line contains the name of the columns, exactly as follows:

`version book  
chapter verse clause_atom  
is_shared is_published  
status keywords ntext ;`

every following line should have exactly the same number of fields;

> passage indicator

> anchor to the text

> sharing

> status

> keywords

> ntext



nbviewer

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

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](#).

## תְּלִין and locatives

We try to mark all those occurrences of תְּלִין + 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 תְּלִין 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()
```

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

## Tools

SHEBANQ

The Text

Words

Queries

Notes

Tools

Help

News

Sources

High quality notebooks based on the ETCBC data en LLAFFabric find a place here.



### > Tools

#### ▼ Parallel Passages

An inventory of *parallel* passages in the Hebrew Bible.

Clipart	Text	Source
Clipart 1	וְכַיּוֹן אֶלְיָהוּ וְסִרְפֵּשׁ בְּקִים וְדָרְבִּים:	Genesis 10:4 Chronicles 1:3
Clipart 2	וְכַיּוֹן אֶלְיָהוּ וְסִרְפֵּשׁ בְּקִים וְדָרְבִּים: ס	Genesis 10:4 Chronicles 1:3
Clipart 3	וְבַנֵּי חָם כּוֹשׁ וְמִצְרָיִם וְפָוטֵחַ וְכָנָעָן:	Genesis 10:8 Chronicles 1:8
Clipart 4	וְבַנֵּי חָם כּוֹשׁ וְמִצְרָיִם פָּוטֵחַ וְכָנָעָן:	Genesis 10:8 Chronicles 1:8
Clipart 5	וְבַנֵּי לֹוט קָפָא נְטוּלָה וְסִקְפָּה וְרַקְפָּה וְסִקְמָה וְבַנֵּי רַקְפָּה שָׁבָא וְדָרְבִּן:	Genesis 10:17 Chronicles 1:17
Clipart 6	וְבַנֵּי לֹוט קָפָא נְטוּלָה וְסִקְפָּה וְרַקְפָּה וְסִקְמָה וְבַנֵּי רַקְפָּה שָׁבָא וְדָרְבִּן: ס	Genesis 10:17 Chronicles 1:17
Clipart 7	וְקַיָּשׁ יָלֵד אֶת-גִּזְפְּלָד הוּא הַמְלָל לְמִזְרָחָת נֶגֶד קָאָרֶץ:	Genesis 10:18 Chronicles 1:18
Clipart 8	וְקַיָּשׁ יָלֵד אֶת-גִּזְפְּלָד הוּא סָלֵל לְקֹוֹת נֶגֶד קָאָרֶץ: ס	Genesis 10:18 Chronicles 1:18
Clipart 9	וְמִקְרָלִים יָלֵד אֶת-לְהִרְבָּם וְאֶת-אֲנָפָם וְאֶת-לְקָבִים וְאֶת-נְפָחִים:	Genesis 10:19 Chronicles 1:19
Clipart 10	וְמִקְרָלִים יָלֵד אֶת-לְדוּדִים וְאֶת-אֲנָפָים וְאֶת-לְקָבִים וְאֶת-נְפָחִים:	Genesis 10:19 Chronicles 1:19

## Parallel Passages

Various ways of detecting similar passages have been tried out. The notebook provides access to the outcomes of those experiments. You can navigate to all variants and see parallel passages brought together, with differences highlighted.

[View notebook](#)

[Download notebook](#)

For example, this tool lists parallel passages in the Hebrew Bible



Clique 1	וְכַיּוֹן אֶלְיָהוּ וְסִרְפֵּשׁ בְּקִים וְדָרְבִּים: וְכַיּוֹן אֶלְיָהוּ וְסִרְפֵּשׁ בְּקִים וְדָרְבִּים: ס	Genesis 10:4 Chronicles 1:3
Clique 2	וְבַנֵּי חָם כּוֹשׁ וְמִצְרָיִם וְפָוטֵחַ וְכָנָעָן: וְבַנֵּי חָם כּוֹשׁ וְמִצְרָיִם פָּוטֵחַ וְכָנָעָן:	Genesis 10:8 Chronicles 1:8
Clique 3	וְבַנֵּי לֹוט קָפָא נְטוּלָה וְסִקְפָּה וְרַקְפָּה וְסִקְמָה וְבַנֵּי רַקְפָּה שָׁבָא וְדָרְבִּן: וְבַנֵּי לֹוט קָפָא נְטוּלָה וְסִקְפָּה וְרַקְפָּה וְסִקְמָה וְבַנֵּי רַקְפָּה שָׁבָא וְדָרְבִּן: ס	Genesis 10:17 Chronicles 1:17
Clique 4	וְקַיָּשׁ יָלֵד אֶת-גִּזְפְּלָד הוּא הַמְלָל לְמִזְרָחָת נֶגֶד קָאָרֶץ: וְקַיָּשׁ יָלֵד אֶת-גִּזְפְּלָד הוּא סָלֵל לְקֹוֹת נֶגֶד קָאָרֶץ: ס	Genesis 10:18 Chronicles 1:18
Clique 5	וְקַיָּשׁ יָלֵד אֶת-לְהִרְבָּם וְאֶת-אֲנָפָם וְאֶת-לְקָבִים וְאֶת-נְפָחִים: וְקַיָּשׁ יָלֵד אֶת-לְדוּדִים וְאֶת-אֲנָפָים וְאֶת-לְקָבִים וְאֶת-נְפָחִים:	Genesis 10:19 Chronicles 1:19
Clique 6		

We love to see contributions from you!

# Documentation and Support

If a page in SHEBANQ acts weird, it is always a good idea to refresh the page.

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

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

[ETCBC4 feature doc](#)

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

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