

Kalmasoft

Language Advanced Processing Technology (NAP)

Arabic Verbs Conjugation Module

Web Application Quick Reference

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Conjugation Module's GUI Input

Arabic Verbs Conjugation

Home / Verb / Conjugation

Settings

Target variety: Standard Arabic

Tagset: Kalmasoft Generic Tagset

POS Tag: VINA#01T3PM2*M3PM###

Target transystem: KATS (Kalmasoft Arabic Transliteration System)

☐ Transcribe input word

☐ Transcribe output lemma

Delimiter: Break

ID start: 1 1

ID prefix:

Classes

Tense Mood Voice Form Affixes Lemma

☒ Imperfect ☐ Perfect ☐ Future

Subject 1st Object 2nd Object

Person Person Person

☒ First ☐ Second ☐ Third

Number Gender Number Gender Number Gender

Input

نصر
عروض

Estimate

Conjugation Module's GUI Output (Present tense)

Conjugation Download history

Search:

No	Id	Subid	Word	Root	Lemma	Verb	Transcript	Affixes	Pos	Gloss	Tvariety
1	1	00001	نصر	ن:ص:ر	نَصَرَ	يَنْصُرُوكَ	yan&Suruwnaka	[ي+وُنْكَ]	VINA•01T3PM2SM	Verb-Imperfect-Indicative-Active	Standard Arab
2	1	00002	نصر	ن:ص:ر	نَصَرَ	يَنْصُرُوكُمَا	yan&SuruwnakumaA	[ي+وُنْكُمَا]	VINA•01T3PM2DM	Verb-Imperfect-Indicative-Active	Standard Arab
3	1	00003	نصر	ن:ص:ر	نَصَرَ	يَنْصُرُوكُمْ	yan&Suruwnakum&	[ي+وُنْكُمْ]	VINA•01T3PM2PM	Verb-Imperfect-Indicative-Active	Standard Arab
4	2	00001	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكَ	yao&riDuwnaka	[ي+وُنْكَ]	VINA•01T3PM2SM	Verb-Imperfect-Indicative-Active	Standard Arab
5	2	00002	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكَ	yao&ruDuwnaka	[ي+وُنْكَ]	VINA•01T3PM2SM	Verb-Imperfect-Indicative-Active	Standard Arab
6	2	00003	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكَ	yao&raDuwnaka	[ي+وُنْكَ]	VINA•01T3PM2SM	Verb-Imperfect-Indicative-Active	Standard Arab
7	2	00004	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكُمَا	yao&riDuwnakumaA	[ي+وُنْكُمَا]	VINA•01T3PM2DM	Verb-Imperfect-Indicative-Active	Standard Arab
8	2	00005	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكُمَا	yao&ruDuwnakumaA	[ي+وُنْكُمَا]	VINA•01T3PM2DM	Verb-Imperfect-Indicative-Active	Standard Arab
9	2	00006	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكُمَا	yao&raDuwnakumaA	[ي+وُنْكُمَا]	VINA•01T3PM2DM	Verb-Imperfect-Indicative-Active	Standard Arab
10	2	00007	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكُمْ	yao&riDuwnakum&	[ي+وُنْكُمْ]	VINA•01T3PM2PM	Verb-Imperfect-Indicative-Active	Standard Arab
11	2	00008	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكُمْ	yao&ruDuwnakum&	[ي+وُنْكُمْ]	VINA•01T3PM2PM	Verb-Imperfect-Indicative-Active	Standard Arab
12	2	00009	عرض	ع:ر:ض	عَرَضَ	يَغْرُضُوكُمْ	yao&raDuwnakum&	[ي+وُنْكُمْ]	VINA•01T3PM2PM	Verb-Imperfect-Indicative-Active	Standard Arab

Showing 1 to 12 of 12 entries

Tagset documentation

Conjugation Module's GUI Output (Affixed perfect tenses, POS template: VPNA#T2PM3P*3PM###)**

Conjugation

Download history

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Conjugation Module's API Documentation (Basic parameters)

Arabic Verbs Conjugater

Generates user controlled derivational and inflectional full-form Arabic verbs based on grammatical parameters; accepts Arabic theoretical roots to generate verbal surface forms.

AUTHORIZATIONS: > tokenAuth or cookieAuth

QUERY PARAMETERS

affixes	Array of strings (Prefixes) <= 6 items Default: "" Items Enum: "VCWAW" "VCFAA" "VILAM" "VCLAM" "VINTQ" "VSLAM" Verbal prefixes
combination	boolean (Prefix combination) Default: false Combine multiple prefixes
delimiter	string non-empty Default: "B" Enum: "N" "B" "C" "S" "W" "L" Source input delimiter - N - No delimiter - B - Break - C - Colon - S - Semicolon

POST /api/v1/larconjugater/

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "duplicates": true,
  "diacritics": true,
  "matres": false,
  "nodiatic": false,
  "delimiter": "B",
  "idstart": 1,
  "fieldwidth": 1,
  "idprefix": "",
  "payload": [
    "string"
  ],
  "scode": "arb",
  "tvarietycode": "arb",
  "ttransyscode": "KATSA",
  "tagsetcode": "KTAGSET",
```

Conjugation Module's potential users

Section	User	Applications	Use cases
A	Academia	Information retrieval (Data+Algorithms)	- Computational linguistics (CL) - Cross-lingual Information Retrieval (CLIR) - Dictation and Speech to Text technology (STT) - Large Language Models training (LLM) - Machine Learning tools (ML) - Machine Translation (MT) - Natural Language Processing (NLP) - Text to Speech Technologies (TTS)
B	- Learning - Education	Information retrieval (Data+Algorithms)	- Linguistic studies - Lexicography and dictionary compilation - Mobile and web applications - Structured course creation
C	- Media - R&D	Information retrieval (Data+Algorithms)	- Content creation - General linguistics - Search and lookup tools - Text and script creation

Conjugation Module's specification summary *

Category	Property	Data	Details
Module	Platform interfaces	2	GUI, REST API
Module	Interface language	1	English
Module	Functional description	1	Generates user controlled derivational and inflectional full-form Arabic verbs based on grammatical parameters; accepts Arabic theoretical roots to generate verbal surface forms.
Operation	Linguistic processes	1	Conjugation
Operation	Supported languages	1	Arabic
Operation	Supported Arabic varieties	20	
Operation	Supported countries	22	
Operation	Supported transcription systems	3	Both transcription and transliteration
Operation	Supported writing scripts	2	Arabic, Latin
Operation	Supported POS tagging systems	5	Including KTagset, Kalmasoft KTagset Documentation.pdf
Input	Input types	1	Text, Arabic roots, Arabic script
Input	Input formats	4	Vertical list, separated values (comma, semicolon, space)
Output	Output file formats	5	CSV, TSV, JSON, XLSX, PDF
Output	Output data manipulation	6	Live search/filter, sort, print, copy, hide, column reorder
Features	Language processing		Language auto-detection
Others	Disabled features		

Note: All information in this table is subject to change without any prior notice.