

Kalmasoft

Natural Language Advanced Processing Technology (NAP)

Text Devocalization Module

Web Application Quick Reference

Link to file: https://kalmasoft.com/KNAP/Kalmasoft_Text_Devocalization_System.pdf

Sample output: <https://kalmasoft.com/KLEX/dbsamples.htm#napsamples>

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Text Devocalization Module's GUI

Text Devocalization

Home / Text / Devocalization

Settings

Source language: Autodetect

Options: ☐ Output labels in native language

Source delimiter: Break

ID start: 1 1

ID prefix:

Input

כל בני האדם נולדו בני חורין ושווים בערכם ובכבודם. כלם חוננו בתבונה ובמצפון, לפיכך חובה עליהם לנהג איש ברעהו ברוח של אחווה. יולדו כל בני האדם חופשיים, וכלם חוננו בתבונה ובמצפון, לפיכך חובה עליהם לנהג איש ברעהו ברוח של אחווה.

يُولَدُ جَمِيعُ النَّاسِ أَحْرَارًا مُتَسَاوِينَ فِي الْكَرَامَةِ وَالْحَقُوقِ. وَقَدْ وَهَبُوا عَقْلًا وَصَمِيمًا وَعَلَيْهِمْ أَنْ يُعَامِلَ بَعْضُهُمْ بَعْضًا "بِرُوحِ الْإِحَاءِ".

Estimate

Devocalization

Download history

Search: Type search here

Id	Text	Devocalized	Source	Target	Sscript	Confidence	Status
1	כל בני האדם נולדו בני חורין ושווים בערכם ובכבודם. כלם חוננו בתבונה ובמצפון, לפיכך חובה עליהם לנהג איש ברעהו ברוח של אחווה.	כל בני האדם נולדו בני חורין ושווים בערכם ובכבודם. כלם חוננו בתבונה ובמצפון, לפיכך חובה עליהם לנהג איש ברעהו ברוח של אחווה.	Hebrew	Hebrew	Hebrew	#	
2	يُولَدُ جَمِيعُ النَّاسِ أَحْرَارًا مُتَسَاوِينَ فِي الْكَرَامَةِ وَالْحَقُوقِ. وَقَدْ وَهَبُوا عَقْلًا وَصَمِيمًا وَعَلَيْهِمْ أَنْ يُعَامِلَ بَعْضُهُمْ بَعْضًا "بِرُوحِ الْإِحَاءِ".	يُولَدُ جَمِيعُ النَّاسِ أَحْرَارًا مُتَسَاوِينَ فِي الْكَرَامَةِ وَالْحَقُوقِ. وَقَدْ وَهَبُوا عَقْلًا وَصَمِيمًا وَعَلَيْهِمْ أَنْ يُعَامِلَ بَعْضُهُمْ بَعْضًا بِرُوحِ الْإِحَاءِ.	Arabic	Arabic	Arabic	#	

Showing 1 to 2 of 2 entries

« ‹ 1 › »

Text Devocalization Module's API Documentation (Basic parameters)

Text Devocalizer

Text devocalization and diacritics removal.

AUTHORIZATIONS: > tokenAuth or cookieAuth

QUERY PARAMETERS

deduplicate	boolean (Remove input duplicates) Default: <code>false</code> Remove duplicate input
delimiter	string (Source delimiter) <code>non-empty</code> Default: <code>"B"</code> Enum: <code>"N"</code> <code>"B"</code> <code>"C"</code> <code>"S"</code> <code>"W"</code> <code>"L"</code> Source input delimiter <code>N</code> - No delimiter <code>B</code> - Break <code>C</code> - Colon <code>S</code> - Semicolon <code>W</code> - Whitespace <code>L</code> - List
diacritics	boolean (Consider diacritics) Default: <code>true</code> Consider original input diacritics
fieldwidth	integer (Field width) Default: <code>1</code> Enum: <code>1</code> <code>2</code> <code>3</code> <code>4</code> <code>5</code> <code>6</code> <code>7</code> <code>8</code> ID field width value <code>1</code> - 1 <code>2</code> - 2 <code>3</code> - 3 <code>4</code> - 4 <code>5</code> - 5 <code>6</code> - 6 <code>7</code> - 7

POST /api/v1/devocalizer/

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "deduplicate": false,
  "diacritics": true,
  "nodiac": false,
  "matres": false,
  "label": false,
  "delimiter": "N",
  "idstart": 1,
  "fieldwidth": 1,
  "idprefix": "",
  "payload": [
    "string"
  ],
  "scode": "NOL"
}
```

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "service": {
    "servname": "string",
    "payload": 0,
  }
}
```

Text Devocalization Module's API Documentation (Response sample)

fieldwidth	integer (Field width) Default: 1 Enum: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ID field width value ☐ 1 - 1 ☐ 2 - 2 ☐ 3 - 3 ☐ 4 - 4 ☐ 5 - 5 ☐ 6 - 6 ☐ 7 - 7 ☐ 8 - 8
idprefix	string (ID prefix) <= 4 characters Default: Output ID prefix string
idstart	integer (ID start) [1..99999999] Default: 1 Output ID start value
label	boolean (Native output labelling) Default: ☐ false Output labels in native language
matres	boolean (Matres lectionis) Default: ☐ false Apply matres lectionis
nodiac	boolean (Remove output diacritics) Default: ☐ false Remove output diacritics and short vowels
payload required	Array of strings <= 50 items [items <= 3000 characters] Input texts
soode	string (Source code) non-empty Default: AUT Enum: ☐ "NOL" ☐ "AUT" ☐ "ady" ☐ "aar" ☐ "afr" ☐ "sqi" ☐ "zgh" ☐ "ava" ☐ "agj" ☐ "aze" ☐ "amh" ☐ "ara" ☐ "hye" ☐ "hyw" ☐ "asm" ☐ "bal" ☐ "bam" ☐ "ban" ☐ "bak" ☐ "bej" ☐ "bel" ☐ "ben" ☐ "bho" ☐ "byn" ☐ "bul" ☐ "mya" ☐ "ceb" ☐ "che" ☐ "chr" ☐ "chv"

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "service": { ... },
  "no": "string",
  "id": "string",
  "source": "string",
  "target": "string",
  "sscript": "string",
  "tscript": "string",
  "scode": "str",
  "tcode": "str",
  "ttransystem": "string",
  "ttransyscode": "strin",
  "sscriptcode": "stri",
  "tscriptcode": "stri",
  "slangtag": "string",
  "tlangtag": "string",
  "confidence": 1,
  "status": "string",
  "stcode": "stri",
  "stmmessage": "string",
  "payload": "string",
  "devocalized": "string"
}
```

Text Devocalization 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) - Named Entity Recognition (NER) - Natural Language Processing (NLP) - Text to Speech Technologies (TTS)
B	- Learning - Education - Libraries	Information retrieval (Data+Algorithms)	- Cataloging - Input methods - Linguistic studies - Lexicography and dictionary compilation - Mobile and web applications - Structured course creation
C	- Media - R&D	Information retrieval (Data+Algorithms)	- Cross-script communication - Content creation - General linguistics - Search and lookup tools - Text and script creation - Universal accessibility

Text Devocalization Module's specification summary *

Category	Property	Data	Details
Module	Interaction technology	2	GUI, REST API
Module	Interface language	1	English
Module	Function description	1	Text devocalization
Operation	Text processes	1	Devocalization
Operation	Supported languages	150	Latin and Non-Latin based languages
Operation	Supported language varieties	33	
Operation	Supported countries	200	
Operation	Supported language pairs	5000	
Operation	Supported writing scripts	30	
Input	Input types	1	Running text
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.