Wordcloud

References

- [jqassistant](#)
- [py2neo](#)

Word Cloud

WordCloud of names in code

```
Received notification from DBMS server: {severity: WARNING} {code: Neo.ClientNotifica
tion.Statement.UnknownLabelWarning} {category: UNRECOGNIZED} {title: The provided lab
el is not in the database.} {description: One of the labels in your query is not avai
lable in the database, make sure you didn't misspell it or that the label is availabl
e when you run this statement in your application (the missing label name is: Primiti
veType)} {position: line: 3, column: 32, offset: 66} for query: "// Words for univers
al Wordcloud\n \n MATCH (named:!Key&!Primitive&!PrimitiveType&!Void&!JavaType&!Resolv
edDuplicateType&!ExternalType&!Git)\n WHERE named.name > ''\n   AND named.name <> 'pa
ckage-info'\n   AND named.name <> '<init>'\n   AND named.name <> '<clinit>'\n  WITH a
poc.text.replace(named.name, '(?<!^)([-_A-Z\\W])', ' $1') AS words\n  WITH apoc.text.
replace(words, '[-_0-9\\W]', ' ')               AS words\n  WITH apoc.text.replace(w
ords, '\\s+', ' ')                   AS words\n  WITH split(toLower(trim(words)),
' ')                        AS words\n UNWIND words AS word\n   WITH word  AS word
\n  WHERE size(word) > 1\n RETURN word\n //       ,count(*) as numberOfAppearances\n
//ORDER BY numberOfAppearances DESC, word"
```

Received notification from DBMS server: {severity: WARNING} {code: Neo.ClientNotification.Statement.UnknownLabelWarning} {category: UNRECOGNIZED} {title: The provided label is not in the database.} {description: One of the labels in your query is not available in the database, make sure you didn't misspell it or that the label is available when you run this statement in your application (the missing label name is: ExternalType)} {position: line: 3, column: 86, offset: 120} for query: "// Words for universal Wordcloud\n \n MATCH (named:!Key&!Primitive&!PrimitiveType&!Void&!JavaType&!ResolvedDuplicateType&!ExternalType&!Git)\n WHERE named.name > ''\n   AND named.name <> 'package-info'\n   AND named.name <> '<init>'\n   AND named.name <> '<clinit>'\n WITH apoc.text.replace(named.name, '(?<!^)([-_A-Z\\W])', ' $1') AS words\n WITH apoc.text.replace(words, '[-_0-9\\W]', ' ')   AS words\n WITH apoc.text.replace(words, '\\s+', ' ')   AS words\n WITH split(toLower(trim(words)), ' ')   AS words\n UNWIND words AS word\n   WITH word AS word\n WHERE size(word) > 1\n RETURN word\n //   ,count(*) as numberOfAppearances\n //ORDER BY numberOfAppearances DESC, word"

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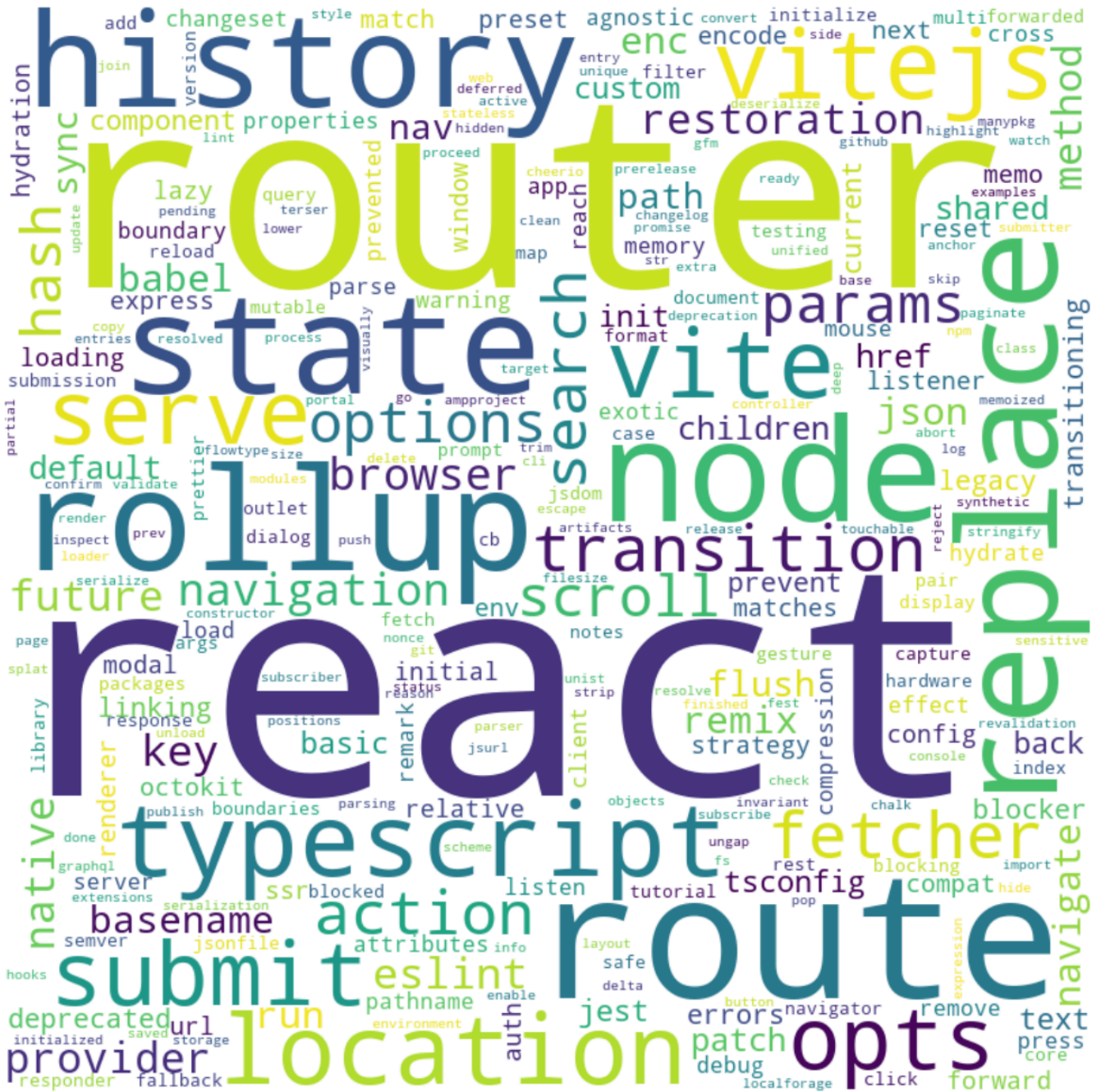
Received notification from DBMS server: {severity: WARNING} {code: Neo.ClientNotification.Statement.UnknownLabelWarning} {category: UNRECOGNIZED} {title: The provided label is not in the database.} {description: One of the labels in your query is not available in the database, make sure you didn't misspell it or that the label is available when you run this statement in your application (the missing label name is: Void)} {position: line: 3, column: 47, offset: 81} for query: "// Words for universal Wordcloud\n \n MATCH (named:!Key&!Primitive&!PrimitiveType&!Void&!JavaType&!ResolvedDuplicateType&!ExternalType&!Git)\n WHERE named.name > ''\n   AND named.name <> 'package-info'\n   AND named.name <> '<init>'\n   AND named.name <> '<clinit>'\n WITH apoc.text.replace(named.name, '(?<!^)([-_A-Z\\W])', ' $1') AS words\n WITH apoc.text.replace(words, '[-_0-9\\W]', ' ')   AS words\n WITH apoc.text.replace(words, '\\s+', ' ')   AS words\n WITH split(toLower(trim(words)), ' ') AS words\n UNWIND words AS word\n   WITH word AS word\n WHERE size(word) > 1\n RETURN word\n //   ,count(*) as numberOfAppearances\n //ORDER BY numberOfAppearances DESC, word"

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el is not in the database.} {description: One of the labels in your query is not avai
lable in the database, make sure you didn't misspell it or that the label is availabl
e when you run this statement in your application (the missing label name is: JavaTyp
e)} {position: line: 3, column: 53, offset: 87} for query: "// Words for universal Wo
rdcloud\n \n MATCH (named:!Key&!Primitive&!PrimitiveType&!Void&!JavaType&!ResolvedDup
licateType&!ExternalType&!Git)\n WHERE named.name > ''\n   AND named.name <> 'package
-info'\n   AND named.name <> '<init>'\n   AND named.name <> '<clinit>'\n WITH apoc.t
ext.replace(named.name, '(?<!^)([-_A-Z\\W])', ' $1') AS words\n WITH apoc.text.repla
ce(words, '[-_0-9\\W]', ' ')   AS words\n WITH apoc.text.replace(words,
'\\s+', ' ')   AS words\n WITH split(toLower(trim(words)), ' ')
AS words\n UNWIND words AS word\n   WITH word AS word\n WHERE size(word) > 1\n RETU
RN word\n //   ,count(*) as numberOfAppearances\n //ORDER BY numberOfAppearances D
ESC, word"

	word
0	artifacts
1	npm
2	package
3	json
4	react
5	router
6	packages
7	react
8	router
9	dom

There are 2471 words in the dataset for the plot titled 'Wordcloud of names in code'.

Wordcloud of names in code

WordCloud of git authors

	word	frequency
0	Brooks Lybrand	78
1	Cody McFoo	1
2	dadamssg	1
3	MX	1
4	Tobias Edwards	1
5	Remix Run Bot	450
6	Nick Amoscato	1
7	Maxim Evtush	1
8	Mark Dalgleish	396
9	Matt Brophy	1947

Wordcloud of git authors (using frequency)