

Taming Abstraction

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RICHARD SMEDLEY

Programmer, Web Developer, and Writer in England, United Kingdom

 Hire me

80s: Musician / vegan campaigner.

90s: Organic Horticulturist.

00s: Techie / Systems Admin.

10s: portfolio career / Social Entrepreneur & Developer.

Social Entrepreneur (recycling, tech education, community currencies), Permaculture Designer working with community #localfood initiatives, Public Speaker, & Technical Writer.



In Donald Knuth's paper *Structured Programming With go to Statements*, he wrote:

"Programmers waste enormous amounts of time thinking about, or worrying about, the speed of noncritical parts of their programs, and these attempts at efficiency actually have a strong negative impact when debugging and maintenance are considered. We should forget about small efficiencies, say about 97% of the time: premature optimization is the root of all evil. Yet we should not pass up our opportunities in that critical 3%."

d.r.y.

At the first hint of shared content,
optimize for the general case.

github.com/couchbase/docs-sdk-scala/blob/release/1.0/modules/howtos/partial/n1ql-placeholders.adoc?plain=1

couchbase / docs-sdk-scala

Code Issues Pull requests 1 Actions Projects Wiki Security Insights Settings

Files

release/1.0

Go to file

- modules
 - ROOT
 - concept-docs
 - devguide
 - hello-world
 - howtos
 - examples
 - pages
 - partials
 - attributes.adoc
 - n1ql-additional-resources.a...
 - n1ql-getting-started.adoc
 - n1ql-intro.adoc
 - n1ql-placeholders.adoc**
 - n1ql-scan-consistency.adoc
 - project-docs
 - ref

docs-sdk-scala / modules / howtos / partials / n1ql-placeholders.adoc

programmatix Refactor N1QL docs so they can be used by Java e49ff8d · 5 years ago History

Preview Code Blame 25 lines (18 loc) · 731 Bytes

```
1 // Required attributes:
2 // :lang: Java
3 // :version: 3.0.0 alpha
4 // :example-source: 3.0@java-sdk:howtos:example$queries.java
5 // :example-source-lang: java
6 == Placeholder and Named Arguments
7 Placeholders allow you to specify variable constraints for a query.
8
9 There are two variants of placeholders: positional and named parameters. Both are used as placeholders for values in the WHE
10
11 Positional parameters use an ordinal placeholder for substitution and can be used like this:
12
13 [source, {example-source-lang}]
14 ----
15 include::{example-source}[tag=positional]
16 ----
17
18 Whereas named parameters can be used like this:
19
20 [source, {example-source-lang}]
21 ----
22 include::{example-source}[tag=named]
23 ----
```

```
2 // :lang: Java
3 // :version: 3.0.0 alpha
4 // :example-source: 3.0@java-sdk:howtos:example$Queries.java
5 // :example-source-lang: java
```

6 == Placeholder and Named Arguments

7 Placeholders allow you to specify variable constraints for a

8

9 There are two variants of placeholders: positional and named

10

11 Positional parameters use an ordinal placeholder for substitu

12

13 **[source, {example-source-lang}]**

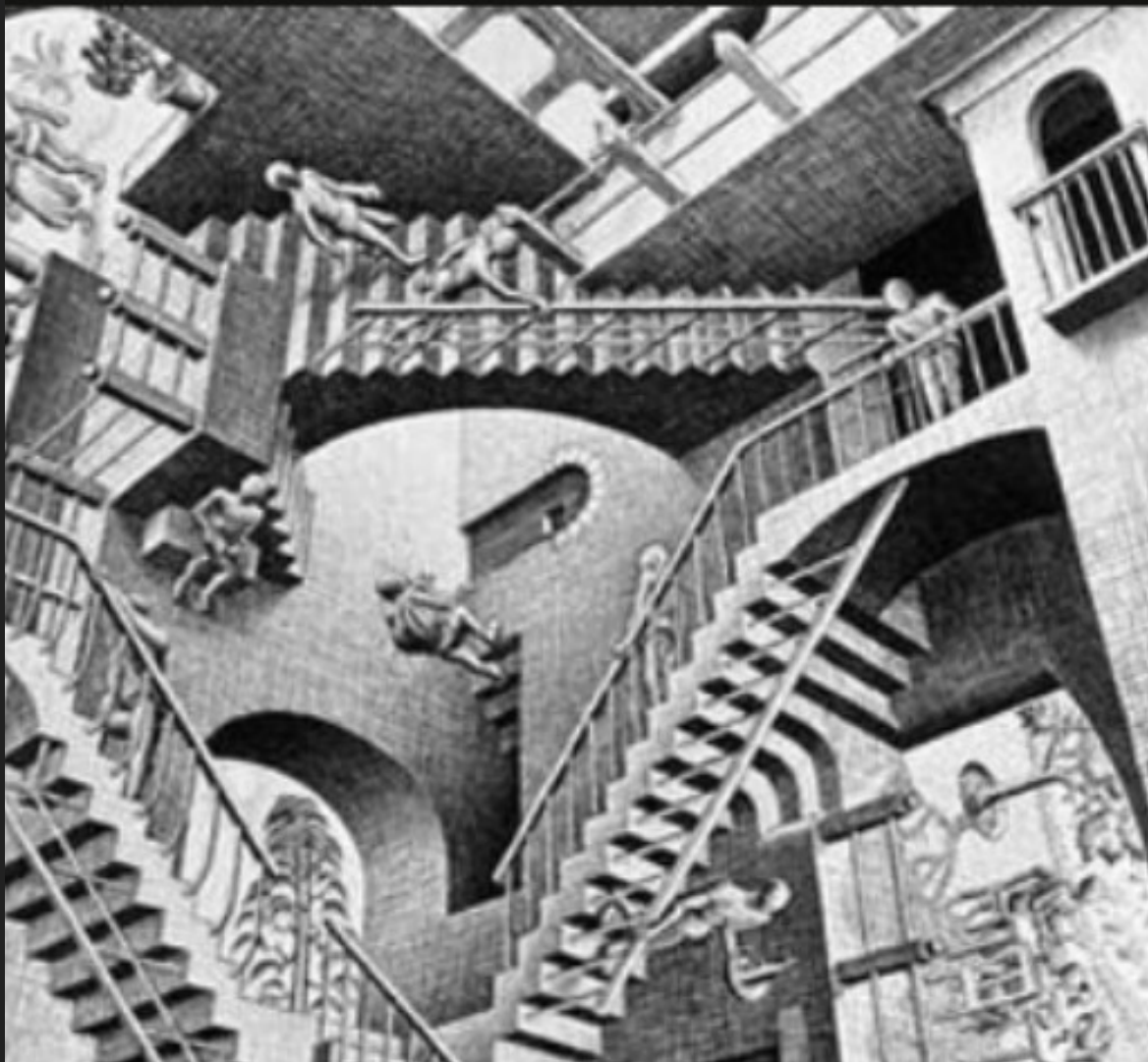
14 ----

15 include::{example-source}[tag=positional]

16 ----

17

Let's descend
a few more
layers into
madness....



Edit

Preview

```
1 = Data Sync using Sync Gateway
2 :page-aliases: learn/java-replication.adoc
3 ifdef::show_edition[:page-edition: {release}]
4 ifdef::prerelease[:page-status: {prerelease}]
5 :page-role:
6 :description: Couchbase Lite for Java -- Synchronizing data changes between local and remot
7
8 include::partial$_set_page_context_for_java.adoc[]
9
10 :url-repl-cfg: {url-api-references}/index.html?com/couchbase/lite/ReplicatorConfiguration.h
11 // END::Local page attributes
12
13 include::{root-commons}sgw-replication.adoc[subs="macros,attributes"]
14
```

Go to file

t

cssharp

java

> assets

> examples

✓ pages

✓ _partials

_define_module_attributes...

_set_page_context_for_jav...

api-changes.adoc

block_callouts.adoc

database-finding-file.adoc

pn-issues-list.adoc

blob.adoc

compatibility.adoc

conflict.adoc

Preview

Code

Blame

19 lines (15 loc) · 470 Bytes

1 `ifdef::is_diag[_set_page_context_for_java]`

2

3 `:param-module: java`

...

4 `:param-name: java`

5 `:param-title: Java`

6 `:param-platform: jvm`

7 `:source-language: Java`

8 `:param_is_root!:`

9

10 `include::ROOT:partial$_set_page_context.adoc[]`

11

12 `// BEGIN::module page attributes`

13 `:module: {param-module}`

14 `:packageNm: couchbase-lite-{param-module}`

15 `:snippet: {snippets-content--java}`

16 `// :snippet-p2psync-ws: {snippets-p2psync-ws--java}`

17

18 `:url-download-package: {url-download-java}`

19 `// END::Local page attributes`

:param-module: java

...in line 3....

...And in line 13:

:module: {param-module}

- github
- vscode
- jenkins
- modules
- ROOT
- assets
- examples
- pages
- _partials
 - commons
 - _define_component_attrib...
 - _define_page_index.adoc
 - _set-platform.adoc
 - _set_page_context.adoc**
 - _set_page_context_for_roo...

```
1   ifdef::is_diag[_set_page_context.adoc]
2   // BEGIN -- inclusion -- _set_page_context.adoc -- Standard page initialization
3   // REQUIRES:
4   // :param-module: {param-module}
5   // :param-name: {param-name}
6   // :param-title: {param-title}
7   // INVOKED-BY:
8   // each of the <module>:partial$_set_page_context_for_<module>.adoc files
9
10  ifndef::param-name[:param-name: all]
11
12  include::ROOT:partial$_define_component_attributes.adoc[]
13
14  ifndef::param_is_root[]
15  ifdef::is_diag[_define_module_attributes.adoc({param-module})]
16  include::{param-module}:partial$_define_module_attributes.adoc[]
17  endif::param_is_root[]
18
19  include::ROOT:partial$_define_page_index.adoc[]
20
21  include::ROOT:partial$_show_glossary_links.adoc[]
22
23  // sets a flag to indicate what platform is on
24  include::{root-partials}_set-platform.adoc[]
25
26  // Set common code snippet header
27  ifndef::param_is_root[:code-snippet: source, {source-language}, subs="{gen-subs}"]
```

```
ifndef::is_diag[_define_page_index.adoc]
//
// Defines common attributes that contain page-names and xrefs to those pages and, in some cases,
// within the page
// By 'including' this page and using the defined attribute names in any links, you can ensure
// legitimacy of those links.
//
//ifndef::xref-pfx-cbl[]

// Begin -- Construct essential attributes if the calling page/environment does not already contain
ifndef::param-name[:param-name: param-name undefined]
ifndef::param-module[:param-module: param-module undefined]
ifndef::param-title[:param-title: param-title undefined]
ifndef::snippet[:snippet: snippet undefined]
ifndef::ke[:ke: ke undefined]
ifndef::fixed[:fixed: fixed undefined]
ifndef::enh[:enh: enh undefined]
ifndef::nftr[:nftr: nftr undefined]
ifndef::version[:version: version undefined]
// End -- Construct essential attributes if the calling page/environment does not already contain

// BEGIN -- component roots
:cbl-root: xref:
// :cbl-root: xref:couchbase-lite:
:cbl--xref: xref:{param-module}:
:sgw--xref: xref:sync-gateway:
:svr--xref: xref:server:
// END -- component roots
```

223 lines later...

Files

release/3.1

Go to file

- .github
- .vscode
- jenkins
- modules
 - ROOT
 - assets
 - examples
 - pages
 - _partials
 - commons
 - _define_component_attri...
 - _define_page_index.adoc**
 - _set-platform.adoc
 - _set_page_context.adoc
 - _set_page_context_for_ro...
 - _show_get_started_topic...
 - _show_glossary_links.adoc
 - _show_page_header_bloc...
 - _show_related_content_b...
 - _unset-platform.adoc
 - block-caveats.adoc
 - block-code-disclaimer.adoc
 - block-deprecations.adoc
 - block-related-content-da...
 - block-related-content-me...
 - block-related-content-p2...
 - block-related-content-pr...
 - block-related-content-qu...
 - block-related-content-re...
 - block-related-content-sta...
 - block-related-content-std...
 - block-related-howto-p2p...




```
docs-couchbase-lite / modules / ROOT / pages / _partials / _define_page_index.adoc
Preview Code Blame 223 Lines (160 loc) · 0.71 KB
171
172 :support-notices--page: support-notices.adoc
173 :support-notices--xref: {cbl--xref}{support-notices--page}
174
175 :supported-os--page: supported-os.adoc
176 :supported-os--xref: {cbl--xref}{supported-os--page}[Supported Platforms]
177
178 :thread-safety--page: thread-safety.adoc
179 :thread-safety--xref: {cbl--xref}{thread-safety--page}[Thread Safety]
180
181 :troubleshooting--page: troubleshooting.adoc
182 :troubleshooting--xref: {cbl--xref}{troubleshooting--page}[Troubleshooting]
183
184 :troubleshooting-crashes--page: troubleshooting-crashes.adoc
185 :troubleshooting-crashes--xref: {cbl--xref}{troubleshooting-crashes--page}[Decoding Crash Logs]
186
187 :troubleshooting-landing--page: troubleshooting-landing.adoc
188 :troubleshooting-landing--xref: {cbl--xref}{troubleshooting-landing--page}[Troubleshooting Landing]
189
190 :troubleshooting-logs--page: troubleshooting-logs.adoc
191 :troubleshooting-logs--xref: {cbl--xref}{troubleshooting-logs--page}[Using Logs]
192
193 :troubleshooting-queries--page: troubleshooting-queries.adoc
194 :troubleshooting-queries--xref: {cbl--xref}{troubleshooting-queries--page}[Troubleshooting Queries]
195 // END -- Pages and Xrefs to pages.
196
197
198 // BEGIN Sync Gateway Links
199 // SGW Pages linked to from CBL
200 :sgw-install--page: get-started-install.adoc
201 :sgw-prepare--page: get-started-prepare.adoc
202 :sgw-load-balancer--page: load-balancer.adoc
203 :sgw-install--xref: {sgw--xref}{sgw-install--page}[Install Sync Gateway]
204 :sgw-prepare--xref: {sgw--xref}{sgw-prepare--page}[Prepare Sync Gateway]
205 :sgw-load-balancer--xref: {sgw--xref}{sgw-load-balancer--page}[Load Balancer]
206 :sgw-load-balancer--xref--keepalive: {sgw--xref}{sgw-load-balancer--page}#websocket-connection[Load Balancer - Keep Alive]
207 // END Sync Gateway Links
208
209 // BEGIN -- Couchbase Server XREFS
210 :svr-n1ql-datamodel--xref: {svr--xref}learn:data/n1ql-versus-sql.adoc[{{sqlpp}} Data Model]
211 :svr-n1ql-reference--xref: {svr--xref}n1ql:n1ql-language-reference/index.adoc[{{sqlpp}} Reference Guide]
212 :svr-n1ql-reference-orderby--xref: {svr--xref}n1ql:n1ql-language-reference/orderby.adoc[{{sqlpp}} (server) OrderBy clause]
213 // END -- Couchbase Server XREFS
214
215 // BEGIN -- tutorial xrefs
216 :tutorial--pfx: xref:tutorials:
217 :tutorial--xref--p2psync: {tutorial--pfx}cbl-p2p-sync-websockets:swift/cbl-p2p-sync-websockets.adoc[Getting Started with Peer-to-Peer Synchronization]
218 // END -- tutorial xrefs
219
220 // Begin -- List of links to release notes
221 // Used in pages that are called before a platform has been selected (e.g. Introduction and What's New)
222 :release-notes--xref-list: xref:swift:releasenotes.adoc[Swift] | xref:objc:releasenotes.adoc[Objective-C] | xref:java:releasenotes.adoc[Java] | xref:android:releasenot
223 // END -- List of links to release notes
```




Public domain from https://en.wikipedia.org/wiki/Stop_sign#/media/File:Bilingualstopsign.jpg



Version attributes only

  release/1.0 [docs-sdk-scala](#) / [modules](#) / [hello-world](#) / [partials](#) / **attributes.adoc**  Go to file



 **programmatix** Bumping to 1.0.10 d75

Preview Code Blame 3 lines (3 loc) · 154 Bytes

```
1 :scala-api-link: http://docs.couchbase.com/sdk-api/couchbase-scala-client-1.0.10/files/couchbase.html
2 :scala-current-version: 1.0.10
3 :version-server: 6.5
```

Files

release/1.5

Go to file

- modules
- LICENSE
- README.md
- antora.yml
- build.gradle

docs-sdk-scala / antora.yml



mikereiche 1.5.1 -> 1.5.2

cec855b · 3 weeks ago

History

Code

Blame

20 lines (19 loc) · 543 Bytes

Raw



```
1  name: scala-sdk
2  version: '1.5'
3  title: Scala SDK
4  start_page: hello-world:overview.adoc
5  nav:
6    - modules/ROOT/nav.adoc
7
8  asciidoc:
9    attributes:
10     server_version: '7.2'
11     sdk_current_version: '1.5.2'
12     sdk_dot_minor: '1.5'
13     sdk_dot_major: '1.x'
14     version-server: '7.2'
15     version-common: '7.2'
16     name_platform: 'Scala'
17     name-sdk: 'Scala SDK'
18     sdk_api: '3.4'
19     sdk-api-link: https://docs.couchbase.com/sdk-api/couchbase-scala-client/
20     sdk-gh-link: https://github.com/couchbase/couchbase-jvm-clients/tree/master/scala-client
```

A balance?



Now the *Key* Question...

Now the *Key* Question

What would *you* do?