

Exercise 2 - Static Documents for Site Config

Exercise 2.a - Create a Site Config Document

1. Open the Couchbase Admin Console by going to <http://127.0.0.1:8091/> in a web browser
2. Choose [Data Buckets](#)
3. Choose [Documents](#) next to the **default** bucket
4. Choose "Create Document"
5. Use `site_config` for the Document ID
6. Click "Create"
7. Create the following JSON structure, and click "Save"

```
{
  "doc_type": "config",
  "seo_title": "Build Your First Couchbase Application",
  "site_name": "Company Name"
}
```

Exercise 2.b - Retrieve the Site Config Document

1. Open `exercise2/com/example/SiteService.cfc` in your IDE
2. Modify the `getSiteConfig` method to retrieve the `site_config` document created in 2.a by calling the CFCouchbase `get()` method passing the argument of `"site_config"` and return the resulting structure.

For your reference the data from the `getSiteConfig` method is used in the following views:

- `exercise2/view/layout/layout.main.cfm`
- `exercise2/view/layout/layout.header.cfm`

Exercise 2.c - Retrieve the Categories Config Document

1. Open `exercise2/com/example/CategoryService.cfc` in your IDE
2. Modify the `getCategories` method to retrieve the `categories` document by calling the CFCouchbase `get()` method passing the argument of `"categories"` and return the resulting structures categories array property. The document is structured as follows:

```
{
  "doc_type": "config",
  "categories": [
    {
      "slug": "books-and-audible",
      "name": "Books & Audible"
    },
    {
      "slug": "movies-music-and-games",
      "name": "Movies, Music & Games"
    },
    ...
  ]
}
```

For your reference the data from the `getCategories` method is used in the following views:

- exercise2/view/layout/layout.header.cfm
- exercise2/view/includes/sidebar.categories.cfm

Exercise 2.d - Retrieve the Brands Config Document

1. Open `exercise2/com/example/BrandService.cfc` in your IDE
2. Modify the `getBrands` method to retrieve the `brands` document by calling the CFCouchbase `get()` method passing the argument of `"brands"` and return the resulting structures brands array property. The document is structured as follows:

```
{
  "doc_type": "config",
  "brands": [
    {
      "slug": "philips",
      "name": "Philips"
    },
    {
      "slug": "apple",
      "name": "Apple"
    },
    ...
  ]
}
```

For your reference the data from the `getBrands` method is used in the following views:

- exercise2/view/layout/layout.header.cfm
- exercise2/view/includes/sidebar.brands.cfm

Exercise 2.e - Retrieve the Banners Config Document

1. Open `exercise2/com/example/SiteService.cfc` in your IDE

2. Modify the `getHomepageBanners` method to retrieve the `banners` document by calling the `CFCouchbase.get()` method passing the argument of `"banners"` and return the resulting structures banners array property. The document is structured as follows:

```
{
  "doc_type": "config",
  "banners": [
    {
      "name": "Product Ad 1",
      "image": "http://lorempixel.com/800/300/sports/?r=111111111",
      "url": "##"
    },
    {
      "name": "Product Ad 2",
      "image": "http://lorempixel.com/800/300/sports/?r=222222222",
      "url": "##"
    },
    {
      "name": "Product Ad 3",
      "image": "http://lorempixel.com/800/300/sports/?r=333333333",
      "url": "##"
    }
  ]
}
```

For your reference the data from the `getHomepageBanners` method is used in the following views:

- `exercise2/view/includes/home.banners.cfm`