

Bon Bon

A minimalistic theme for Beamer

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Introduction

BonBon is a Beamer theme that renders content in a clean and minimalistic fashion. It can be enabled like so:

```
\documentclass{beamer}  
\usetheme{bonbon}
```

BonBon's color scheme balances between the simplicity of the inner slide content and the colorful visual elements of section and slide titles.

The included black and white theme can be used to render content that is destined for printing.

```
\usecolortheme{bonbonbw}
```

Sections and Subsections

Sections and subsections can be used to group slides together:

```
\section{My Section}
```

and

```
\subsection{My Subsection}
```

Section slides and slide titles are equipped with a progress indicator in place of slide numbers.

Elements

Fonts

All content in BonBon is styled using the *Open Sans* font, providing sensible defaults:

- *emphasized*
- **bold**
- ***bold emphasized***
- alerted

Monospaced text is styled using *Cousine*:

- *italic*
- **bold**
- ***bold italic***

Lists

Enumerations

1. First,
2. Second and
3. Third.

Items

- Java
- Erlang
- Python

Descriptions

| | |
|----------------|---------|
| Private | Hidden. |
| Static | Global. |

Block environments are styled with a contrasting background color, isolating them from the surrounding text.

Default

Default blocks highlight important definitions or concepts.

Alert

Alert blocks provide advice that shouldn't be ignored.

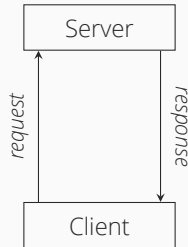
Example

Example blocks aid in the understanding of an idea.

Tables and Figures

| Rank | Language |
|------|------------|
| 1 | JavaScript |
| 2 | Java |
| 3 | Python |
| 4 | PHP |

Top active languages, '17 (GitHub)



Client-server communication

The binomial coefficient gives the number of ways k can be chosen from n without repetition:

$$\frac{n!}{k!(n-k)!} = \binom{n}{k}$$

Subsections

Adding breaks

Subsections can be used to introduce breaks in a presentation, directing attention to particular topics.

```
\subsection{Quiz}
```

Subsections are especially useful when used with the **subsection** frame flag:

```
\begin{frame}[subsection]{Question}
```

This changes styling of the frame content to match that of the subsection page, as seen next.

Quiz

Before we begin...

Frames having the **subsection** flag set must be grouped using either `{` and `}` or `\begingroup` and `\endgroup` pairs.

Notice that the color of the frame title is set to match the background of the previous slide.

The subsection flag can be safely used with other flags, for instance:

```
\begin{frame}[subsection, fragile]{Question}
```

Question

What does this Erlang function do?

```
1  member_of(_, []) -> false;  
2  member_of(X, [X | _Xs]) -> true;  
3  member_of(X, [_ | Xs]) -> member_of(X, Xs).
```

- ① It does *not* compile because `_` is an illegal character
- ② It checks whether an element is a member of the list
- ③ It loops indefinitely due to the lack of a base case
- ④ It does *not* compile because the last function clause ends with a `;`

Question

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Conclusion

The source code for this theme and demo presentation can be obtained from:

`github.com/duncanatt/bonbon`

Enjoy!