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Institut Mines-Télécom Atlantique - **L^AT_EX** report template

Documentation for the `imta` package



IMT Atlantique

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Chapter 1

Core features: `imta_core`



1.1 Sectioning

1.1.1 `imtaQuestion` and `imtaQuestionReset`

The `\imtaQuestion` command outputs and formats a question counter. It's meant to be used in reports for assignment with questions. The counter should be reset with the `\imtaQuestionReset`. This couple of commands is meant to be used for sectioning when the assignment does not use a more explicit titling.

1.1.2 `subsubsection`

The `imta_core` package offers a one-level-deeper section than the usual deepest `\subsubsection`. This provides an alternative to the usual `\paragraph`.

1.1.3 `chapter`

1.2 Document styling

1.2.1 IMT Atlantique styling

1.2.1.1 Colors

The core package defines four colors, including the three colors of the IMT Atlantique, and a uniform and arbitrary gray. These are defined as follows:

```
1 \definecolor{imtaGreen}{RGB}{164, 210, 51}
2 \definecolor{imtaLightBlue}{RGB}{0, 184, 222}
3 \definecolor{imtaDarkBlue}{RGB}{12, 35, 64}
4 \definecolor{imtaGray}{RGB}{87, 87, 87}
```

Here are samples of these colors, with text in both black and white for previsualising the contrast.



Figure 1.1: Samples of the IMT Atlantique colors

1.2.1.2 `imtaSetIMTStyle`

The official IMT Atlantique styling is not really \LaTeX -ish, and takes the decision to use a sans-serif font for body text. Therefore, the default style uses the default \LaTeX font settings. However, it is possible to enable a more IMT Atlantique-compliant styling, by calling the `\imtaSetIMTStyle` command in the preamble.

The main aspects of the official style are:

- Use of the Helvetica font for the body;
- Section titles in green (`\imtaGreen`) and other heading titles in gray (`\imtaGray`);
- Section title in the header;
- Page number at the right corner of the footer.

For comparison, the default style of the template is:

- Use of the default Computer Modern font for the body;
- Default style for headings: all in black;
- Document title at the left corner and author's name at the right corner of the header;
- Page number at the center of the footer.

1.2.1.3 The IMT Atlantique logo with `imtaLogo` and `imtaLogoTikz`

The IMT Atlantique logo can be output at the desired width with the `\imtaLogo` command. The latter includes an external pdf document, `imta_logo.pdf`, that contains the official logo. On the other hand, the `\imtaLogoTikz` draws an approximation of the logo with the `tikz` package. The following is a comparison of both commands.



Figure 1.2: Comparison between `imtaLogo` and `imtaLogoTikz`

1.2.1.4 `imtaMaketitlepage`

This command outputs a title page with the names of the authors, the date of writing, and the title of the document, along with the subtitle. For this latter purpose, the `\subtitle` command helps define a subtitle as a part of the document's metadata, and is used inside of the `\imtaMaketitlepage` command.

1.2.1.5 `imtaMakeCover`

This command outputs a cover as the last page of the document. This page will always be a left page in a two-side document.

1.3 External dependancies

This package depends upon a number of external packages. The use of these is explained hereafter, and the parameters each is used with are specified as well. Furthermore, a code snippet is presented, that shows the import line and the settings of the corresponding package.