The fhnwfactsheet Class*

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https://github.com/alpenwasser/fhnwfactsheet/

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Abstract

The fhnwfactsheet class offers a simple interface for composing a fact sheet for projects in A4 paper size for the Degree Program *Electrical and Information Technology* at the School of Engineering of the University of Applied Sciences and Arts Northwestern Switzerland.

This document contains the documentation for user interface and describes the implementation for any developer who intends to modify the class.

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*This document corresponds to fhnwfactsheet v1.0.1, dated 2018/07/17.

1 Basic Concept

The class allows to build indivitual standalone fact sheets as well as a larger document containing multiple fact sheets as a collection, including a title page, a table of contents etc. The underlying structure in both scenarios is identical:

```
Master document
└── Content document
    └── Further ressources (e.g. images)
```

In case of multiple fact sheets being included in a larger collection, it is also possible to have a larger master document at the top and organize the included fact sheets in their own subdirectories. Each fact sheet can still have its own master document in this case for standalone compilation. The master document for the collection will just ignore them.

```
Master document for collection
├── Subdir 1
│   ├── Master document for fact sheet 1
│   ├── Content document for fact sheet 1
│   └── Further ressources for fact sheet 1 (e.g. images)
└── Subdir 2
    ├── Master document for fact sheet 2
    ├── Content document for fact sheet 2
    └── Further Ressources for fact sheet 2 (e.g. images)
```

Note:

- fhnwfactsheet does not enforce any specific file name specification. Follow your teacher's instructions if you are creating a fact sheet for submission to the school.
- Do not load additional packages! This will mess up the process of merging your standalone fact sheet with others. fhnwfactsheet loads most classes one would reasonably need to create a fact sheet. If there really is a package which you absolutely, positively need, contact the package maintainer and he will see if it can be integrated into the class. This will then allow to push the class to everyone through an update and things should (hopefully) not break.

1.1 Master Document

The master document is the document on which you run `pdflatex`. It sets up the class and its configuration and then loads the `Content Document`. If you are working on a standalone fact sheet, this file will be very minimal:

```
\documentclass[german]{fhnwfactsheet}
\begin{document}
\includefactsheet{contentDocument.tex}
\end{document}
```

Multiple `Content Document`s can be included if you wish to create a collection of fact sheets. Each fact sheet will be put on a single page. This also enables the creation of a table of contents. In this example, each factsheet is in its own subdirectory, though this is not strictly necessary or enforced by the package.

```
\documentclass[german]{fhnwfactsheet}
\begin{document}
\pagenumbering{roman}
\tableofcontents

\newpage\pagenumbering{arabic}

\includefactsheet[subdir1/]{factsheet1Content.tex}
\includefactsheet[subdir2/]{factsheet2Content.tex}
\includefactsheet[subdir3/]{factsheet3Content.tex}
\includefactsheet[subdir4/]{factsheet4Content.tex}
\end{document}
```

1.2 Content Document

The content document is where the content of your fact sheet actually resides. it offers some specifics commands to enable consistent layout and typography and places some restrictions which should prevent things from getting too extravagant. See the `examples` directory for some example code.

2 Installation

From `fhnwfactsheet.dtx` and `fhnwfactsheet.ins`, generate the class file `fhnwfactsheet.cls` by running

```
pdflatex fhnwfactsheet.ins
```

This will create the class file. If you wish to compile the documentation (this document), run:

```
pdflatex fhnwfactsheet.dtx
```

After that, place `fhnwfactsheet.cls` in your working directory and enable it via the `documentclass` command (see example for master document above).

3 Class Options

english
german
deutsch

These class options will load the corresponding babel language as well as set some key words accordingly. If you don't specify any language, the class defaults to German.
Examples:

```
\documentclass{fhnwfactsheet}          % German
\documentclass[deutsch]{fhnwfactsheet} % German
\documentclass[german]{fhnwfactsheet}  % German
\documentclass[english]{fhnwfactsheet} % English
```

4 Commands

This section describes the commands which are implemented by fhnwfactsheet.

4.1 Language-Specific Macros

These macros are used to name the people involved in the project as well as their roles. None of these have to be specified, if they did not exist. They will be used when defined, otherwise not.

\team Comma-separated list of team members. *Note:* Use `Firstname Lastname` notation to ensure consistency. Example:

```
\team{%
    Team Leader,
    Personwho Didallthework,
    Personwho Wasalsothere,
    Dudewho Wasnotthere}
```

\client The client. The format is identical to the `\team` command.

\coach
\coaches The Project coaches. In case of a single person, use `\coach`, in case of multiple people, use `\coaches`. *Note:* Since these options are mutually exclusive, the class will raise an error if both macros have been specified.

\expert
\experts Experts, for example in case of a thesis. Same as above, the class will raise an error in case of both singular and plural form being specified.

\partner
\partners Industry partners, if there were any (and they can be named).

4.2 Content Generation

The following macros are used to create the content which goes onto the

\title fact sheet page. The title for the page. This will also be used as the title in the table of contents in case of a collection document (internally it is automagically mapped to a `\chapter`).

```
\title{Grand Title of Significant Magnitude}
```

Note: The title will never wrap onto a new line. If it is too long for a single line, it will simply run off the page. This is by design. Shorten your title in that case.

`\fssummary` This is where the introductory header text goes. Ideally, it should not be longer than three or maximum four lines. However, the macro itself does not enforce this. Example[1] Hier kommt der Einleitungstext hinein. Idealerweise sollte die Einleitung nicht länger als drei bis maximal vier Zeilen sein. Das Macro erzwingt diese Länge allerdings nicht. Beispiel

```
\fssummary{%
    Habe nun, ach! Philosophie,
    Juristerei und Medizin,
    Und leider auch Theologie
    Durchaus studiert, mit heiem Bemh'n.
    Da steh ich nun, ich armer Tor!
    Und bin so klug als wie zuvor;
    Heie Magister, heie Doktor gar,
    Und ziehe schon an die zehen Jahr
    Herauf, herab und quer und krumm
    Meine Schler an der Nase herum.}
```

`\fsgraphics` This command creates a box which is put between `\fssummary` and `\fscontent` with the intent of being filled with graphical content. There are not really any restrictions placed on the graphics, so treat with care. Usually, one would probably want to use `\includegraphics` here.

For including multiple graphics, the use of `minipage`s is advised. [2].

`\graphicscaption` The caption for a picture. Can be used multiple times in case of multiple pictures. Should be kept short.

`\graphicssource` A source for the pictures. Is placed vertically in the right page margin. This, too should be kept short (see example below).

An example for including two images along the horizonal axis:

```
\fsgraphics{%
    \begin{minipage}{0.4\textwidth}
        \includegraphics[height=60mm]{images/bild0.png}
        \graphicscaption{Dies ist ein Bild}
    \end{minipage}%
    \begin{minipage}{0.6\textwidth}
        \includegraphics[height=60mm]{images/bild1.png}
        \graphicscaption{Dies ist ein anderes Bild}
    \end{minipage}
    \graphicssource{Wikipedia}}
```

`\fscontent` The main content of your document, split into three columns. Parti-

[1] Goethe's Faust – Nacht; this will result in 3.5 lines.

[2] More about minipages and their sometimes surprising behavior:
. `https://github.com/alpenwasser/TeX/tree/master/minipages`

tion via the `\section` command as usual (there are no `subsection`s or even `\subsubsection`s available).

You can also include graphics here, should you feel so inclined (see the separate *Sonart* example fact sheet). Example:

```
\section{Faust -- Nacht}
\label{sec:faust-night}
Und sehe, da wir nichts wissen knnen!
Das will mir schier das Herz verbrennen.
Zwar bin ich gescheiter als all die Laffen,
Doktoren, Magister, Schreiber und Pfaffen;
Mich plagen keine Skrupel noch Zweifel,
Frchte mich weder vor Hlle noch Teufel -
Dafr ist mir auch alle Freud entrissen,
Bilde mir nicht ein, was Recht's zu wissen,
Bilde mir nicht ein, ich knnte was lehren,
Die Menschen zu bessern und zu bekehren.

\section{Faust -- Mehr Nacht}
\label{sec:faust-more-night}
Auch hab ich weder Gut noch Geld,
Noch Ehr und Herrlichkeit der Welt;
Es mchte kein Hund so lnger leben!
Drum hab ich mich der Magie ergeben,
Ob mir durch Geistes Kraft und Mund
Nicht manch Geheimnis wrde kund;
Da ich nicht mehr mit saurem Schwei
Zu sagen brauche, was ich nicht wei;
Da ich erkenne, was die Welt
Im Innersten zusammenhlt,
Schau alle Wirkenskraft und Samen,
Und tu nicht mehr in Worten kramen.
```

`\infobox` A box which gets placed on the left side at the page bottom. Can fundamentally contain pretty much any content you like. Well-suited for highlighing key points or specifications about the project. Example:

```
\infobox{Highlights}{%
    \footnotesize
    \setlength\tabcolsep{2pt} % make table a bit more compact horizontally
    \begin{tabular}{ll}
    Category 1 & Property A \\
               & Property B \\
               & Property C \\
               & Property D \\
    Category 2 & Property E \\
               & Property F \\
               & Property G \\
               & Property H \\
    \end{tabular}}
```

`\includefactsheet[⟨Subdirectory⟩]{⟨ContentDocument⟩}`

Loads a `Content Document` in a `Master Document` (see Section 1). For organizing a master document with many content documents, there is the option of putting those content documents in individual subdirectories and passing those subdirectories to the `includefactsheet` command. *Note:* The subdirectory must have a trailing slash appended: `\includefactsheet[subdir/]{contentDoc.tex}`. See also the `examples` directory of the repository.

5 Examples

The `examples` directory contains a few examples, both for standalone documents and a collection of fact sheets.

6 Implementation

If you are merely intending to use this class, you probably do not need to read this.

```
\newif\if@english
\newif\if@german
\DeclareOption{english}{\@englishtrue\@germanfalse}
\DeclareOption{german}{\@germantrue\@englishfalse}
\DeclareOption{deutsch}{\@germantrue\@englishfalse}
\ExecuteOptions{english,german,deutsch}
\ProcessOptions

% Packages
\LoadClass{report}
\RequirePackage[utf8]{inputenc}
\RequirePackage[T1]{fontenc}
\RequirePackage{graphicx}
\RequirePackage{tikz}
\RequirePackage{rviewport}
\RequirePackage{multicol}
\RequirePackage[inline]{enumitem}
\RequirePackage{geometry}
\RequirePackage[scaled=0.95]{helvet}
\renewcommand\familydefault{\sfdefault}
\RequirePackage{xcolor}
\RequirePackage{rotating}
% Define document colos palette
\definecolor{parties}{HTML}{666666}
\definecolor{title}{HTML}{000066}
\definecolor{summary}{HTML}{666666}
\colorlet{boxbg}{cyan!50!blue!20!white}
\RequirePackage{tcolorbox}
```

```
\RequirePackage{booktabs}
\RequirePackage{microtype}
\RequirePackage[binary-units=true]{siunitx}
\sisetup{range-phrase=--}
\RequirePackage[%
    hidelinks=true,
    bookmarksnumbered=true]{hyperref}
\if@english
    \RequirePackage[english]{babel}
\fi
\if@german
    \RequirePackage[ngerman]{babel}
\fi

% Page Geometry
\geometry{a4paper,twoside=false}
\newlength{\factpageouter}
\newlength{\factpageinner}
\newlength{\factpagetop}
\newlength{\factpagebottom}
\newlength{\factpagewidth}
\newlength{\factgraphicswidth}
\newlength{\testl}
\setlength{\factpageouter}{25mm}
\setlength{\factpageinner}{25mm}
\setlength{\factpagetop}{8mm}
```

Needed so that page numbers do not slide down too far.

```
\setlength{\factpagebottom}{30mm}
```

Rest of page geometry layout:

```
\setlength{\factpagewidth}{\paperwidth}
\addtolength{\factpagewidth}{-\factpageinner}
\addtolength{\factpagewidth}{-\factpageouter}
\setlength{\factgraphicswidth}{50mm}
\geometry{outer=\factpageouter,inner=\factpageinner,%
          top=\factpagetop,    bottom=\factpagebottom}

\let\newcol\newpage
```

We put the entire page inside a minipage environment to make it not take up more space than a single page. We also set the height of that minipage to zero so that it stays on the first page no matter how much content is put inside it.

```
\newenvironment{factpage}
    {\noindent\begin{minipage}[t][0pt]{\factpagewidth}}
    {\end{minipage}}
```

Redefine Section Headings to not be numbered by default. This is done by adding a * after its sixth argument. The rest of the command is similar to what can be found in The LaTeX article.cls file.

```
\renewcommand\section{\@startsection {section}{1}{\z@}%
                                    {-2.5ex \@plus -1ex \@minus -.2ex}%
                                    {1ex}%
                                    %{1ex \@plus.2ex}% default
                                    {\large\bfseries\color{title}}*}
```

Having subsections or even lower-tiered headings in a document such as this one would be ridiculous. Remove them to make sure they are not used.

```
\let\subsection\@undefined
\let\subsubsection\@undefined
\let\paragraph\@undefined
\let\subparagraph\@undefined
```

Define language-specific terms.

```
\iflanguage{english}{%
    \newcommand*{\lang@team}    {\textbf{Project Team: }}
    \newcommand*{\lang@client}  {\textbf{Client: }}
    \newcommand*{\lang@coach}   {\textbf{Coach: }}
    \newcommand*{\lang@coaches} {\textbf{Coaches: }}
    \newcommand*{\lang@expert}  {\textbf{Expert: }}
    \newcommand*{\lang@experts} {\textbf{Experts: }}
    \newcommand*{\lang@partner} {\textbf{Industry Partner: }}
    \newcommand*{\lang@partners}{\textbf{Industry Partners: }}
    \newcommand*{\lang@source}  {\textit{Source: }}
}{}
\iflanguage{ngerman}{%
    \newcommand*{\lang@team}    {\textbf{Arbeitsgruppe: }}
    \newcommand*{\lang@client}  {\textbf{Auftraggeber: }}
    \newcommand*{\lang@coach}   {\textbf{Betreuer: }}
    \newcommand*{\lang@coaches} {\textbf{Betreuer: }}
    \newcommand*{\lang@expert}  {\textbf{Experte: }}
    \newcommand*{\lang@experts} {\textbf{Experten: }}
    \newcommand*{\lang@partner} {\textbf{Industriepartner: }}
    \newcommand*{\lang@partners}{\textbf{Industriepartner: }}
    \newcommand*{\lang@source}  {\textit{Quelle: }}
}{}
```

Save those terms in the appropriate macros.

```
\newcommand*{\team}[1]
    {\gdef\@team    {{\footnotesize\color{parties}\lang@team#1}}}
\newcommand*{\client}[1]
    {\gdef\@client  {{\footnotesize\color{parties}\lang@client#1}}}
\newcommand*{\coach}[1]
    {\gdef\@coach   {{\footnotesize\color{parties}\lang@coach#1}}}
\newcommand*{\coaches}[1]
    {\gdef\@coaches {{\footnotesize\color{parties}\lang@coaches#1}}}
\newcommand*{\expert}[1]
    {\gdef\@expert  {{\footnotesize\color{parties}\lang@expert#1}}}
\newcommand*{\experts}[1]
    {\gdef\@experts {{\footnotesize\color{parties}\lang@experts#1}}}
```

```
\newcommand*{\partner}[1]
    {\gdef\@partner {{\footnotesize\color{parties}\lang@partner#1}}}
\newcommand*{\partners}[1]
    {\gdef\@partners{{\footnotesize\color{parties}\lang@partners#1}}}
```

Redefine `maketitle` to do our bidding:

```
\renewcommand\maketitle{\par
    \begingroup
        {\Huge\color{title}\@title}\par
        \vspace{2em}
        \global\let\maketitle\relax
        \global\let\@maketitle\relax
        \global\let\title\relax
        \global\let\date\relax
        \global\let\@title\@empty
        \global\let\@date\@empty
    \endgroup
}
```

For testing purposes:

```
\newlength{\placeholderbase}
\newcommand\placeholderpics{%
    \setlength{\placeholderbase}{48mm}
    \begin{tikzpicture}[x=\placeholderbase,y=\placeholderbase,draw=black!50!white,very t
        \draw (0,0) -- (1.618,1);
        \draw (0,1) -- (1.618,0);
        \draw (0,0) -- (1.618,0) -- (1.618,1) -- (0,1) -- cycle;
        \node[draw,fill=white] at (0.809,0.5) {\large Beautiful Pic-
ture!};
    \end{tikzpicture}
    \begin{tikzpicture}[x=\placeholderbase,y=\placeholderbase,draw=black!50!white,very t
        \draw (0,0) -- (1.618,1);
        \draw (0,1) -- (1.618,0);
        \draw (0,0) -- (1.618,0) -- (1.618,1) -- (0,1) -- cycle;
        \node[draw,fill=white] at (0.809,0.5) {\large Amazing Graph-
ics!};
    \end{tikzpicture}\par
    {\footnotesize Beautiful Picture and Amazing Graphics}
}
```

Store the concents of `\fscontent` in `\fs@content`

```
\newcommand\fscontent[1]{\gdef\fs@content{\graphicspath{\fs@graphicspath}#1}}
```

Print the contents of `\fs@content`

```
\newcommand\fs@makecontent{\par
    \vspace{1em}\begin{multicols}{3}
        \ifdef{\fs@content}{\fs@content}\par
    \end{multicols}
}
```

Store the concents of `\fssummary` in `\fs@summary`

```
\newcommand\fssummary[1]{\gdef\fs@summary{#1}}
```

Print the contents of `\fs@summary`

```
\newcommand\fs@makesummary{\par
    \vspace{0.25em}\noindent\begin{minipage}{\textwidth}\large
        \ifdef{\fs@summary}{\color{summary}\fs@summary}\par
    \end{minipage}%
}
```

Store the concents of `\fsgraphics` in `\fs@graphics`

```
\newcommand\fsgraphics[1]{\gdef\fs@graphics{\graphicspath{\fs@graphicspath}#1}}
\newcommand\graphicssource[1]{\gdef\fs@graphicssource{#1}}
```

Put the contents of `\graphicscaption` inside an `\mbox` so that it does not wrap.

```
\newcommand\graphicscaption[1]{\mbox{#1}}
```

Print the contents of `\fs@graphics`

```
\newcommand\fs@makegraphics{\par
    \vspace{1em}\noindent\begin{minipage}[b]{\textwidth}%
        \footnotesize\raggedright
        \ifdef{\fs@graphics}{\fs@graphics}\par\par
        \ifdef{\fs@graphicscaption}{\fs@graphicscaption}\par
    \end{minipage}%
    \begin{minipage}[t]{2ex}\footnotesize\color{parties}
        \ifdef{\fs@graphicssource}{%
            \hspace*{2ex}%
            \turnbox{90}{%
                \hspace*{2ex} \lang@source \fs@graphicssource}}\par
    \end{minipage}%
}
```

Store the content of `\infobox` and print it:

```
\newcommand\infobox[2]{%
    \gdef\fs@infoboxtitle{#1}%
    \gdef\fs@infoboxcontent{\graphicspath{\fs@graphicspath}\footnotesize #2}%
}
\newcommand\fs@makeinfobox{
    \begin{tcolorbox}[
            title=\fs@infoboxtitle,
            width=0.66\textwidth,
            arc=0mm,
            before=,
            after=\hfill]
        \fs@infoboxcontent
    \end{tcolorbox}
}
\newcommand\tightlist{%
    \setlength{\itemsep}{0pt}\setlength{\parskip}{0pt}%
}
```

Errors:

```
\newcommand\fs@checkinput{%
```

```
    \ifdef{\@coach}{%
        \ifdef{\@coaches}{%
            \ClassError{fhnwfactsheet}{Both 'coach' and 'coaches' field de-
fined. Undefine one.}
                {Both the 'coach' and the 'coaches' field are defined. Only one of them
        }{}%
    }{}%
    \ifdef{\@expert}{%
        \ifdef{\@experts}{%
            \ClassError{fhnwfactsheet}{Both 'expert' and 'experts' field de-
fined. Undefine one.}
                {Both the 'expert' and the 'experts' field are defined. Only one of them
        }{}%
    }{}%
    \ifdef{\@partner}{%
        \ifdef{\@partners}{%
            \ClassError{fhnwfactsheet}{Both 'partner' and 'partners' field de-
fined. Undefine one.}
                {Both the 'partner' and the 'partners' field are de-
fined. Only one of them should be.}
        }{}%
    }{}%
    \ifdef{\fs@infoboxcontent}{}
        {%
            \ClassError{fhnwfactsheet}{Did you forget to specify your in-
fobox?}
            {The infobox contents are not defined. Make sure your in-
fobox command is properly called.}
        }%
    \ifdef{\fs@infoboxtitle}{}
        {%
            \ClassError{fhnwfactsheet}{Did you forget to specify your in-
fobox?}
            {The infobox title is not defined. Make sure your infobox com-
mand is properly called.}
        }%
}
```

Chapter code. Taken mostly from `classes.dtx`.

```
\renewcommand\chapter{%\if@openright\cleardoublepage\else\clearpage\fi
                    \thispagestyle{plain}%
                    \global\@topnum\z@
                    \@afterindentfalse
                    \secdef\@chapter\@schapter}
\def\@chapter[#1]#2{\ifnum \c@secnumdepth >\m@ne
                         \refstepcounter{chapter}%
                         \typeout{\@chapapp\space\thechapter.}%
                         \addcontentsline{toc}{chapter}{#1}%
                                  %{\protect\numberline{\thechapter}#1}%
                    \else
```

```
                      \addcontentsline{toc}{chapter}{#1}%
                    \fi
                    \chaptermark{#1}%
                    \addtocontents{lof}{\protect\addvspace{10\p@}}%
                    \addtocontents{lot}{\protect\addvspace{10\p@}}%
                    \if@twocolumn
                      \@topnewpage[\@makechapterhead{#2}]%
                    \else
                      \@makechapterhead{#2}%
                      \@afterheading
                    \fi}
\def\@makechapterhead#1{%
    \begingroup
        \mbox{\Huge\color{title}#1}\par
        \vspace{2em}
    \endgroup
}
\def\@makeschapterhead#1{%
  \vspace*{50\p@}%
  {\parindent \z@ \raggedright
    \normalfont
    \interlinepenalty\@M
    \Huge\color{title} #1\par\nobreak
    \vskip 40\p@
  }}
\renewcommand*\l@chapter[2]{%
  \ifnum \c@tocdepth >\m@ne
    \addpenalty{-\@highpenalty}%
    \vskip 1.0em \@plus\p@
    \setlength\@tempdima{1.5em}%
    \begingroup
      \parindent \z@ \rightskip \@pnumwidth
      \parfillskip -\@pnumwidth
      \leavevmode
      \advance\leftskip\@tempdima
      \hskip -\leftskip
      %\@dottedtocline{0}{0em}{0em}{#1}{#2}\par
      #1\nobreak\hfil \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
      \penalty\@highpenalty
    \endgroup
  \fi}
```

Including a fact sheet content file in a master document:

```
\newcommand*\includefactsheet[2][]{%
    \input{#1#2}%
    \gdef\fs@graphicspath{#1}%
    \makefactsheet%
    \newpage}
```

Output routine:

```
\newcommand\makefactsheet{
    \begin{factpage}
        \fs@checkinput
        \chapter{\@title}
        % Must be after \chapter
        % Note: We do not want to overwrite the \chapter pagestyle{plain} everywhere.
        \thispagestyle{empty}
        \fs@makesummary
        \vspace{1ex}
        \fs@makegraphics
        \vspace{1ex}
        \fs@makecontent
        \vspace{1ex}
        \tcbset{
            colback=boxbg,
            colframe=title,
            boxrule=0.5pt,
            toptitle=2pt,
            bottomtitle=1pt,
            titlerule=0.5pt,
        }
        \fs@makeinfobox
        \begin{minipage}[b]{0.30\textwidth}
            \ifdef{\@team}{\@team}{}\par
            \ifdef{\@client}{\@client}{}\par
            \ifdef{\@coach}{\@coach}{}\par
            \ifdef{\@coaches}{\@coaches}{}\par
            \ifdef{\@expert}{\@expert}{}\par
            \ifdef{\@experts}{\@experts}{}\par
            \ifdef{\@partner}{\@partner}{}\par
            \ifdef{\@partners}{\@partners}{}\par
        \end{minipage}
    \end{factpage}\raisebox{6ex}{\hspace{3em}\thepage}
    % Undefine for next fact sheet
    \let\fs@graphics\@undefined
    \let\fs@graphicssource\@undefined
    \let\fs@graphicscaption\@undefined
    \let\@team\@undefined
    \let\@client\@undefined
    \let\@coach\@undefined
    \let\@coaches\@undefined
    \let\@expert\@undefined
    \let\@experts\@undefined
    \let\@partner\@undefined
    \let\@partners\@undefined
    \let\fs@infoboxtitle\@undefined
    \let\fs@infoboxcontent\@undefined
}
```

Index

Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

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