

1 The Bahasa Indonesian language

The file `indonesian.dtx`¹ defines all the language definition macros for the Bahasa Indonesia. Bahasa just means ‘language’ in Bahasa Indonesia.

For this language currently no special definitions are needed or available.

The macro `\LdfInit` takes care of preventing that this file is loaded more than once, checking the category code of the `@` sign, etc.

```
1 (*code)
2 \LdfInit\CurrentOption{date\CurrentOption}
```

When this file is read as an option, i.e. by the `\usepackage` command, `bahasa` could be an ‘unknown’ language in which case we have to make it known. So we check for the existence of `\l@bahasa` to see whether we have to do something here.

For both Bahasa Indonesia and Bahasa Malaysia the same set of hyphenation patterns can be used which are available in the file `inhyph.tex`. However it could be loaded using any of the possible Babel options for the Indonesian and Malaysian language. So first we try to find out whether this is the case.

```
3 \ifx\l@bahasa\@undefined
4   \ifx\l@bahasai\@undefined
5     \ifx\l@indon\@undefined
6       \ifx\l@indonesian\@undefined
7         \ifx\l@bahasam\@undefined
8           \ifx\l@malay\@undefined
9             \ifx\l@meyalu\@undefined
10              \nopatterns{Bahasa Indonesia}
11              \addialect\l@bahasa0\relax
12            \else
13              \let\l@bahasa\l@meyalu
14            \fi
15          \else
16            \let\l@bahasa\l@malay
17          \fi
18        \else
19          \let\l@bahasa\l@bahasam
20        \fi
21      \else
22        \let\l@bahasa\l@indonesian
23      \fi
24    \else
25      \let\l@bahasa\l@indon
26    \fi
27  \else
28    \let\l@bahasa\l@bahasai
29  \fi
30 \fi
```

Now that we are sure the `\l@bahasa` has some valid definition we need to make sure that a name to access the hyphenation patterns, corresponding to the option used, is available.

```
31 \expandafter\expandafter\expandafter\let
32 \expandafter\csname
```

¹The file described in this section has version number v1.0n and was last revised on 2025/06/01.

```

33 \expandafter \l\expandafter @\CurrentOption\endcsname
34 \l@bahasa

```

The next step consists of defining commands to switch to (and from) the Bahasa language.

`\captionsbahasa` The macro `\captionsbahasa` defines all strings used in the four standard documentclasses provided with L^AT_EX.

```

35 \@namedef{captions\CurrentOption}{%
36   \def\prefacename{Pendahuluan}%
37   \def\refname{Pustaka}%
38   \def\abstractname{Ringkasan}% (sometime it's called 'intisari'
39     % or 'ikhtisar')
40   \def\bibName{Bibliografi}%
41   \def\chaptername{Bab}%
42   \def\appendixname{Lampiran}%
43   \def\contentsname{Daftar Isi}%
44   \def\listfigurename{Daftar Gambar}%
45   \def\listtablename{Daftar Tabel}%
46   \def\indexname{Indeks}%
47   \def\figurename{Gambar}%
48   \def\tablename{Tabel}%
49   \def\partname{Bagian}%
50 % Subject: Subyek
51 % From: Dari
52   \def\enclname{Lampiran}%
53   \def\ccname{cc}%
54   \def\headtoname{Kepada}%
55   \def\pagename{Halaman}%
56 % Notes (Endnotes): Catatan
57   \def\seenname{lihat}%
58   \def\alsoname{lihat juga}%
59   \def\proofname{Bukti}%
60   \def\glossaryname{Daftar Istilah}%
61 }

```

`\datebahasa` The macro `\datebahasa` redefines the command `\today` to produce Bahasa Indonesian dates.

```

62 \@namedef{date\CurrentOption}{%
63   \def\today{\number\day~\ifcase\month\or
64     Januari\or Februari\or Maret\or April\or Mei\or Juni\or
65     Juli\or Agustus\or September\or Oktober\or November\or Desember\fi
66   \space \number\year}}

```

`\extrasbahasa` The macro `\extrasbahasa` will perform all the extra definitions needed for the Bahasa language. The macro `\extrasbahasa` is used to cancel the actions of `\extrasbahasa`. For the moment these macros are empty but they are defined for compatibility with the other language definition files.

```

67 \@namedef{extras\CurrentOption}{}
68 \@namedef{noextras\CurrentOption}{}

```

`\bahasahyphenmins` The bahasa hyphenation patterns should be used with `\lefthyphenmin` set to 2 and `\righthyphenmin` set to 2.

```

69 \providehyphenmins{\CurrentOption}{\tw@\tw@}

```

The macro `\ldf@finish` takes care of looking for a configuration file, setting the main language to be switched on at `\begin{document}` and resetting the category code of `@` to its original value.

```
70 \ldf@finish{\CurrentOption}
71 \end{code}
```

Finally, We create a few proxy files, which just load `indonesian.ldf`.

```
72 \input{bahasa | indon | bahasai}
73 \input{indonesian.ldf}\relax
74 \input{bahasa | indon | bahasai}
```