

```

1 \ifx\LdfInit\undefined
2   \def\LdfInit{%
3     \chardef\atcatcode=\catcode'\@
4     \catcode'\@=11\relax
5     \input babel.def\relax
6     \catcode'\@=\atcatcode \let\atcatcode\relax
7     \LdfInit}
8 \fi

```

It seems that these files, although meant for compatibility with `plain.tex` are also used as packages in  $\text{\LaTeX} 2_{\epsilon}$ . The disadvantage of that is that a number of compatibility measures with other packages that are part of `babel.sty` are not present. Therefore we issue an error and then load `babel.def` to let the user continue processing his document (at his own risk).

First we determine whether we are loaded from  $\text{\LaTeX}$  by checking whether `\PackageError` is defined.

```
9 \ifx\PackageError\undefined
```

In this case we are not being loaded by  $\text{\LaTeX} 2_{\epsilon}$ , so just define `\ProvidesLanguage` to prevent an error when the `.ldf` file is loaded.

```

10   \def\ProvidesLanguage#1[#2 #3 #4]{%
11     \wlog{Language: #1 #4 #3 <#2>}}%
12 \else

```

Now we define an error message which ‘deletes’ itself from memory.

```

13   \def\bblstyerror{%
14     \PackageError{babel}%
15       {You have used an old interface to call babel\MessageBreak
16         You may expect compatibility problems wit other packages}%
17       {You could proceed but don't complain if you run into errors}%
18     \let\bblstyerror\@undefined
19   }

```

Now we can issue the error, it should appear when these files are loaded from  $\text{\LaTeX} 2_{\epsilon}$ , with *or* without `hyphen.cfg` preloaded in the format.

```
20   \ifx\ProvidesLanguage\undefined
```

In this case `hyphen.cfg` wasn't loaded in the  $\text{\LaTeX} 2_{\epsilon}$  format so we also need to provide a suitable definition for `\ProvidesLanguage`.

```

21     \bblstyerror
22     \def\ProvidesLanguage{%
23       \chardef\atcatcode=\catcode'\@
24       \catcode'\@=11\relax
25       \input babel.def\relax
26       \catcode'\@=\atcatcode \let\atcatcode\relax
27       \ProvidesLanguage}

```

When we end up here, `hyphen.cfg` was loaded into the format; we only need to issue the error from  $\text{\LaTeX} 2_{\epsilon}$ .

```

28   \else
29     \bblstyerror
30   \fi
31 \fi

```

```

32 (+albanian)\def\CurrentOption{albanian}
33 (+albanian)\input albanian.ldf\relax
34 (+american)\def\CurrentOption{american}
35 (+USenglish)\def\CurrentOption{USenglish}
36 (+british)\def\CurrentOption{british}
37 (+english)\def\CurrentOption{english}
38 (+UKenglish)\def\CurrentOption{UKenglish}
39 (american | british | english | UKenglish | USenglish)\input english.ldf\relax
40 (+bahasa)\def\CurrentOption{bahasai}
41 (+bahasa)\input bahasai.ldf\relax

```

```

42 ⟨+bahasam⟩\def\CurrentOption{bahasam}
43 ⟨+bahasam⟩\input bahasam.ldf\relax
44 ⟨+breton⟩\def\CurrentOption{breton}
45 ⟨+breton⟩\input breton.ldf\relax
46 ⟨+bulgarian⟩\def\CurrentOption{bulgarian}
47 ⟨+bulgarian⟩\input bulgarian.ldf\relax
48 ⟨+catalan⟩\def\CurrentOption{catalan}
49 ⟨+catalan⟩\input catalan.ldf\relax
50 ⟨+croatian⟩\def\CurrentOption{croatian}
51 ⟨+croatian⟩\input croatian.ldf\relax
52 ⟨+czech⟩\def\CurrentOption{czech}
53 ⟨+czech⟩\input czech.ldf\relax
54 ⟨+danish⟩\def\CurrentOption{danish}
55 ⟨+danish⟩\input danish.ldf\relax
56 ⟨+afrikaans⟩\def\CurrentOption{afrikaans}
57 ⟨+dutch⟩\def\CurrentOption{dutch}
58 ⟨+afrikaans|dutch⟩\input dutch.ldf\relax
59 ⟨+esperanto⟩\def\CurrentOption{esperanto}
60 ⟨+esperanto⟩\input esperanto.ldf\relax
61 ⟨+estonian⟩\def\CurrentOption{estonian}
62 ⟨+estonian⟩\input estonian.ldf\relax
63 ⟨+finnish⟩\def\CurrentOption{finnish}
64 ⟨+finnish⟩\input finnish.ldf\relax
65 ⟨+francais⟩\def\CurrentOption{francais}
66 ⟨+french⟩\def\CurrentOption{french}
67 ⟨+francais|french⟩\input frenchb.ldf\relax
68 ⟨+galician⟩\def\CurrentOption{galician}
69 ⟨+galician⟩\input galician.ldf\relax
70 ⟨+austrian⟩\def\CurrentOption{austrian}
71 ⟨+german⟩\def\CurrentOption{german}
72 ⟨+germanb⟩\def\CurrentOption{german}
73 ⟨+austrian|german|germanb⟩\input germanb.ldf\relax
74 ⟨+naustrian⟩\def\CurrentOption{naustrian}
75 ⟨+ngerman⟩\def\CurrentOption{ngerman}
76 ⟨+naustrian|ngerman⟩\input ngermanb.ldf\relax
77 ⟨+greek⟩\def\CurrentOption{greek}
78 ⟨+greek⟩\input greek.ldf\relax
79 ⟨+icelandic⟩\def\CurrentOption{icelandic}
80 ⟨+icelandic⟩\input icelandic.ldf\relax
81 ⟨+interlingua⟩\def\CurrentOption{interlingua}
82 ⟨+interlingua⟩\input interlingua.ldf\relax
83 ⟨+irish⟩\def\CurrentOption{irish}
84 ⟨+irish⟩\input irish.ldf\relax
85 ⟨+italian⟩\def\CurrentOption{italian}
86 ⟨+italian⟩\input italian.ldf\relax
87 ⟨+latin⟩\def\CurrentOption{latin}
88 ⟨+latin⟩\input latin.ldf\relax
89 ⟨+lsorbian⟩\def\CurrentOption{lsorbian}
90 ⟨+lsorbian⟩\input lsorbian.ldf\relax
91 ⟨+magyar⟩\def\CurrentOption{magyar}
92 ⟨+hungarian⟩\def\CurrentOption{hungarian}
93 ⟨+magyar|hungarian⟩\input magyar.ldf\relax
94 ⟨+norsk⟩\def\CurrentOption{norsk}
95 ⟨+nynorsk⟩\def\CurrentOption{nynorsk}
96 ⟨+norsk|nynorsk⟩\input norsk.ldf\relax
97 ⟨+polish⟩\def\CurrentOption{polish}
98 ⟨+polish⟩\input polish.ldf\relax
99 ⟨+portuges⟩\def\CurrentOption{portuges}
100 ⟨+portuguese⟩\def\CurrentOption{portuguese}
101 ⟨+brazil⟩\def\CurrentOption{brazil}
102 ⟨+brazilian⟩\def\CurrentOption{brazilian}
103 ⟨+portuges|portuguese|brazil|brazilian⟩\input portuges.ldf\relax

```

```
104 <+romanian>\def\CurrentOption{romanian}
105 <+romanian>\input romanian.ldf\relax
106 <+russianb>\def\CurrentOption{russianb}
107 <+russianb>\input russianb.ldf\relax
108 <+ukraineb>\def\CurrentOption{ukraineb}
109 <+ukraineb>\input ukraineb.ldf\relax
110 <+samin>\def\CurrentOption{samin}
111 <+samin>\input samin.ldf\relax
112 <+sanskrit>\def\CurrentOption{sanskrit}
113 <+sanskrit>\input sanskrit.ldf\relax
114 <+scottish>\def\CurrentOption{scottish}
115 <+scottish>\input scottish.ldf\relax
116 <+slovak>\def\CurrentOption{slovak}
117 <+slovak>\input slovak.ldf\relax
118 <+slovene>\def\CurrentOption{slovene}
119 <+slovene>\input slovene.ldf\relax
120 <+spanish>\def\CurrentOption{spanish}
121 <+spanish>\input spanish.ldf\relax
122 <+swedish>\def\CurrentOption{swedish}
123 <+swedish>\input swedish.ldf\relax
124 <+turkish>\def\CurrentOption{turkish}
125 <+turkish>\input turkish.ldf\relax
126 <+usorbian>\def\CurrentOption{usorbian}
127 <+usorbian>\input usorbian.ldf\relax
128 <+welsh>\def\CurrentOption{welsh}
129 <+welsh>\input welsh.ldf\relax
130 <+hebrew>\def\CurrentOption{hebrew}
131 <+hebrew>\input rlbabel.def\input hebrew.ldf\relax
```