

The **unresolved** package

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1 Introduction

The package collects unknown statements and makes a list of unresolved items.

2 Install

```
latex unresolved.ins  
bash install.sh
```

3 Usage

input

```
\setPrefixUnresolvedProblems{p}  
  
Text about  $\mathbf{p(n)}$   
\unknown{Explanation of partition function  $\mathbf{p(n)}$ .}  
Another\unknown{Different math,  $\alpha+\beta$ .}  
Third\unknown{Plain text only}.  
  
\bigskip  
\setNameUnresolvedProblems{Onopgeloste problemen}  
\unresolveditems
```

output

Text about $\mathbf{p(n)}$ ^{p1}. Another^{p2}. Third^{p3}.

Onopgeloste problemen

p1 Explanation of partition function $p(n)$

p2 Different math, $\alpha + \beta$

p3 Plain text only

4 Implementation

4.1 unresolved

```
1 \RequirePackage{hyperref}

\UK@prefix

2 \def\UK@prefix{}

\setPrefixUnresolvedProblems

3 \newcommand{\setPrefixUnresolvedProblems}[1]{\gdef\UK@prefix{#1}}

4 \newcounter{counter@unknown}
5 \let\@unresolveditems\relax

\unknown

6 \newcommand{\unknown}[1]{%
7   \stepcounter{counter@unknown}%
8   \edef\UK@num{\UK@prefix\thecounter@unknown}% expand counter to string
9   \hypertarget{UK\UK@num}{\textsuperscript{\UK@num}}%
10  \ifx\@unresolveditems\relax\gdef\@unresolveditems{}\fi%
11  \begingroup
12  \protected@edef\next{\endgroup\noexpand\g@addto@macro\noexpand\@unresolveditems{\noexpand\item #1}}
13  \next
14 }

\nameunresolvedproblems

15 \def\nameunresolvedproblems{Unresolved problems}

\setNameUnresolvedProblems

16 \newcommand{\setNameUnresolvedProblems}[1]{\gdef\nameunresolvedproblems{#1}}

\unresolveditems

17 \newcommand{\unresolveditems}{%
18 \ifx\@unresolveditems\relax\else%
19 \section*{\nameunresolvedproblems}
20 \begin{itemize}
21 \@unresolveditems
22 \end{itemize}
23 \fi%
24 }
```

4.2 unresolved.ltxml

```

25 # -*- mode: Perltidy -*-
26 # LaTeXML bindings for local.sty
27 package LaTeXML::Package::pool; # to put new subs & variables in common pool
28 use LaTeXML::Package; # to load these definitions
29 use strict; # good style
30 use warnings;
31 RawTeX(<<'EOTeX');
32 \ProvidesPackage{unresolved}
33 \RequirePackage{hyperref}

\UK@prefix

34 \def\UK@prefix{}

\setPrefixUnresolvedProblems

35 \newcommand{\setPrefixUnresolvedProblems}[1]{\gdef\UK@prefix{#1}}

36 \newcounter{counter@unknown}
37 \let\@unresolveditems\relax

\unknown

38 \newcommand{\unknown}[1]{%
39   \stepcounter{counter@unknown}%
40   \edef\UK@num{\UK@prefix\thecounter@unknown}% expand counter to string
41   \hypertarget{UK\UK@num}{\textsuperscript{\UK@num}}%
42   \ifx\@unresolveditems\relax\gdef\@unresolveditems{}\fi%
43   \begingroup
44   \protected@edef\next{\endgroup\noexpand\g@addto@macro\noexpand\@unresolveditems{\noexpand\item}
45   \next
46 }

\nameunresolvedproblems

47 \def\nameunresolvedproblems{Unresolved problems}

\setNameUnresolvedProblems

48 \newcommand{\setNameUnresolvedProblems}[1]{\gdef\nameunresolvedproblems{#1}}

\unresolveditems

49 \newcommand{\unresolveditems}{
50 \ifx\@unresolveditems\relax\else%
51 \section*{\nameunresolvedproblems}
52 \begin{itemize}
53 \@unresolveditems
54 \end{itemize}
55 \fi%
56 }

57 EOTeX
58 1;

```