

The `latex-lab-testphase` code*

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Abstract

1 Introduction

This code implements small files which can be loaded with the `testphase` key of `\DocumentMetadata` and which bundle various testphase modules. This will be extended to allow user to load well defined parts of the tagged PDF project.

Currently the values `phase-I`, `phase-II`, `phase-III` and `new-or` (bundles `new-or-1` and `new-or-2`) are provided. `tagpdf` is an undocumented alias for `phase-II` which is kept for compatibility. The value `math` combines various math related files.

2 The Implementation

```
1 <|latest>
2 \ProvidesPackage{latex-lab-testphase-latest}
3           [2025-09-13 v0.1d latex-lab modules]
4 \RequirePackage{tagpdf}
5 \AddToDocumentProperties [document]{testphase/tagpdf}{loaded}
6 \RequirePackage{latex-lab-testphase-names}
7 \RequirePackage{latex-lab-testphase-new-or-2}
8 \RequirePackage{latex-lab-testphase-block}
9 \RequirePackage{latex-lab-kernel-changes} %generated by sec, toc
10 \RequirePackage{latex-lab-testphase-sec}
11 \RequirePackage{latex-lab-testphase-toc}
12 \RequirePackage{latex-lab-testphase-minipage}
13 \RequirePackage{latex-lab-testphase-graphic}
14 \RequirePackage{latex-lab-testphase-float}
15 \RequirePackage{latex-lab-testphase-bib}
16 \RequirePackage{latex-lab-testphase-text}
17 \RequirePackage{latex-lab-testphase-marginpar}
18 \RequirePackage{latex-lab-testphase-title}
19 \RequirePackage{latex-lab-testphase-table}
20 \RequirePackage{latex-lab-testphase-math}
21 \RequirePackage{latex-lab-testphase-firstaid}
22 \RequirePackage{latex-lab-testphase-tikz}
23 </latest>
```

*

new-or-1 contains the code for header and footer (tagging and suppressing links) and is always loaded

new-or combines all new-or parts (currently 1+2)

```

24 <*new-or>
25 \ProvidesFile{new-or-latex-lab-testphase.ltx}
26           [2023-06-15 v0.1b latex-lab wrapper new-or]
27 </new-or>

28 <*phase-I>
29 \ProvidesFile{phase-I-latex-lab-testphase.ltx}
30           [2023-02-04 v0.1b latex-lab wrapper phase-I]
31 </phase-I>

32 <*phase-II>
33 \ProvidesFile{phase-II-latex-lab-testphase.ltx}
34           [2023-06-15 v0.1b latex-lab wrapper phase-II]
35 </phase-II>

36 <*phase-III>
37 \ProvidesFile{phase-III-latex-lab-testphase.ltx}
38           [2024-02-12 v0.1c latex-lab wrapper phase-III]
39 \input{phase-II-latex-lab-testphase.ltx}
40 \IfFormatAtLeastTF{2023-06-01}
41 {
42   \RequirePackage{latex-lab-testphase-block}
43   \RequirePackage{latex-lab-testphase-sec}
44   \RequirePackage{latex-lab-testphase-toc}
45   \RequirePackage{latex-lab-testphase-minipage}
46   \RequirePackage{latex-lab-testphase-graphic}
47   \RequirePackage{latex-lab-testphase-float}
48   \RequirePackage{latex-lab-testphase-bib}
49   \RequirePackage{latex-lab-testphase-text}
50   \RequirePackage{latex-lab-testphase-marginpar}
51 }
52 {\PackageWarning{latex-lab}{Testphase III needs newer format}{}}
53 </phase-III>

    this is only provided for compatibility

54 <*tagpdf>
55 \ProvidesFile{tagpdf-latex-lab-testphase.ltx}
56           [2022-11-04 v0.1a latex-lab wrapper tagpdf (deprecated)]
57 </tagpdf>

58 <*tagpdf | phase-I | phase-II | new-or>
59 \RequirePackage{latex-lab-testphase-new-or-1}
60 </tagpdf | phase-I | phase-II | new-or>

```

Support for the new output routine code are loaded in phase-II and new-or:

```

61 <*tagpdf | phase-II | new-or>
62 \RequirePackage{latex-lab-testphase-new-or-2}
63 </tagpdf | phase-II | new-or>

64 <*tagpdf | phase-I | phase-II>
65 \RequirePackage{tagpdf}

```

```

66 \AddToDocumentProperties [document]{testphase/tagpdf}{loaded}
67 \tagpdf | phase-I | phase-II)
68 \tagpdf | phase-II)\tagpdfsetup{activate,para/tagging,activate/spaces}
69 \tagpdf | phase-II)\AddToDocumentProperties [document]{tagging/para}{active}
70 \phase-I)\tagpdfsetup{activate,activate/spaces}
71 \tagpdf | phase-I | phase-II)
72 \AddToDocumentProperties [document]{tagging}{active}
73 \AddToDocumentProperties [document]{tagging/interwordspace}{active}

74 \tagpdf | phase-I | phase-II)

testphase wrapper files for math:
75 \math
76 \ProvidesFile{math-latex-lab-testphase.ltx}
77 [2023-07-20 v0.8a latex-lab wrapper math]
78 \RequirePackage{latex-lab-testphase-math}
79 \math

80 \math-package
81 \ProvidesPackage{latex-lab-testphase-math}
82 [2025-03-10 v0.8d code related to the math tagging]
83 \input{latex-lab-math.ltx}
84 \AddToHook{package/amsmath/after}{\input{latex-lab-amsmath.ltx}}
85 \AddToHook{package/mathtools/after}{\input{latex-lab-mathtools.ltx}}
86 \input{latex-lab-mathpkg.ltx}
87 \input{latex-lab-mathintent.ltx}
88 \AddToHook{package/unicode-math/after}{\input{latex-lab-unicode-math.ltx}}
89 \math-package

```

Index

The italic numbers denote the pages where the corresponding entry is described, numbers underlined point to the definition, all others indicate the places where it is used.

A		\ProvidesFile	25, 29, 33, 37, 55, 76
\AddToDocumentProperties	5, 66, 69, 72, 73	\ProvidesPackage	2, 81
\AddToHook	84, 85, 88		
D		R	
\DocumentMetadata	1	\RequirePackage	4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 42, 43, 44, 45, 46, 47, 48, 49, 50, 59, 62, 65, 78
I			
\IfFormatAtLeastTF	40		
\input	39, 83, 84, 85, 86, 87, 88		
P		T	
\PackageWarning	52	\tagpdfsetup	68, 70