

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