

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     [2025-08-14 v0.1c 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-testphase-sec}
10 \RequirePackage{latex-lab-testphase-toc}
11 \RequirePackage{latex-lab-testphase-minipage}
12 \RequirePackage{latex-lab-testphase-graphic}
13 \RequirePackage{latex-lab-testphase-float}
14 \RequirePackage{latex-lab-testphase-bib}
15 \RequirePackage{latex-lab-testphase-text}
16 \RequirePackage{latex-lab-testphase-marginpar}
17 \RequirePackage{latex-lab-testphase-title}
18 \RequirePackage{latex-lab-testphase-table}
19 \RequirePackage{latex-lab-testphase-math}
20 \RequirePackage{latex-lab-testphase-firstaid}
21 \RequirePackage{latex-lab-testphase-tikz}
22 </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)

```

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

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

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

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

    this is only provided for compatibility

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

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

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

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

63 <*tagpdf | phase-I | phase-II>

64 \RequirePackage{tagpdf}
65 \AddToDocumentProperties [document]{testphase/tagpdf}{loaded}
66 </tagpdf | phase-I | phase-II>
67 <tagpdf | phase-II>\tagpdfsetup{activate,para/tagging,activate/spaces}

```

```

68 <tagpdf | phase-II>\AddToDocumentProperties [document]{tagging/para}{active}
69 <phase-I>\tagpdfsetup{activate,activate/spaces}
70 <*tagpdf | phase-I | phase-II>
71 \AddToDocumentProperties [document]{tagging}{active}
72 \AddToDocumentProperties [document]{tagging/interwordspace}{active}

73 </tagpdf | phase-I | phase-II>

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

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

```

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