

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

`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)

```
1 <*new-or>
2 \ProvidesFile{new-or-latex-lab-testphase.ltx}
3           [2023-06-15 v0.1b latex-lab wrapper new-or]
4 </new-or>

5 <*phase-I>
6 \ProvidesFile{phase-I-latex-lab-testphase.ltx}
7           [2023-02-04 v0.1b latex-lab wrapper phase-I]
8 </phase-I>

9 <*phase-II>
10 \ProvidesFile{phase-II-latex-lab-testphase.ltx}
11           [2023-06-15 v0.1b latex-lab wrapper phase-II]
12 </phase-II>

13 <*phase-III>
14 \ProvidesFile{phase-III-latex-lab-testphase.ltx}
15           [2024-02-12 v0.1c latex-lab wrapper phase-III]
16 \input{phase-II-latex-lab-testphase.ltx}
17 \IfFormatAtLeastTF{2023-06-01}
18 {
```

*

```

19 \RequirePackage{latex-lab-testphase-block}
20 \RequirePackage{latex-lab-testphase-sec}
21 \RequirePackage{latex-lab-testphase-toc}
22 \RequirePackage{latex-lab-testphase-minipage}
23 \RequirePackage{latex-lab-testphase-graphic}
24 \RequirePackage{latex-lab-testphase-float}
25 \RequirePackage{latex-lab-testphase-bib}
26 \RequirePackage{latex-lab-testphase-text}
27 \RequirePackage{latex-lab-testphase-marginpar}
28 }
29 {\PackageWarning{latex-lab}{Testphase III needs newer format}{}}
30 </phase-III>

```

this is only provided for compatibility

```

31 <*tagpdf>
32 \ProvidesFile{tagpdf-latex-lab-testphase.ltx}
33 [2022-11-04 v0.1a latex-lab wrapper tagpdf (deprecated)]
34 </tagpdf>

35 <*tagpdf | phase-I | phase-II | new-or>
36 \RequirePackage{latex-lab-testphase-new-or-1}
37 </tagpdf | phase-I | phase-II | new-or>

```

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

```

38 <*tagpdf | phase-II | new-or>
39 \RequirePackage{latex-lab-testphase-new-or-2}
40 </tagpdf | phase-II | new-or>

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

42 \RequirePackage{tagpdf}
43 \AddToDocumentProperties [document]{testphase/tagpdf}{loaded}
44 </tagpdf | phase-I | phase-II>
45 <tagpdf | phase-II>\tagpdfsetup{activate,para/tagging,activate/spaces}
46 <tagpdf | phase-II>\AddToDocumentProperties [document]{tagging/para}{active}
47 <phase-I>\tagpdfsetup{activate,activate/spaces}
48 <*tagpdf | phase-I | phase-II>
49 \AddToDocumentProperties [document]{tagging}{active}
50 \AddToDocumentProperties [document]{tagging/interwordspace}{active}

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

```

testphase wrapper files for math:

```

52 <*math>
53 \ProvidesFile{math-latex-lab-testphase.ltx}
54 [2023-07-20 v0.8a latex-lab wrapper math]
55 \RequirePackage{latex-lab-testphase-math}
56 </math>

57 <*math-package>
58 \ProvidesPackage{latex-lab-testphase-math}
59 [2025-03-10 v0.8d code related to the math tagging]
60 \input{latex-lab-math.ltx}

```

```

61 \AddToHook{package/amsmath/after}{\input{latex-lab-amsmath.ltx}}
62 \AddToHook{package/mathtools/after}{\input{latex-lab-mathtools.ltx}}
63 \input{latex-lab-mathpkg.ltx}
64 \input{latex-lab-mathintent.ltx}
65 \AddToHook{package/unicode-math/after}{\input{latex-lab-unicode-math.ltx}}
66 \end{math-package}

```

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