

TeXLive Accessibility Conformance Report
(International Edition)
(Based upon VPAT[®] version 2.4)

TeX Users Group

May 2021

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Name of Product/Version

T_EXLive 2021.

Report Date

May 2021.

Product Description

T_EXLive is the reference distribution of T_EX and related software supported by T_EX Users Group, a membership-based not-for-profit organization dedicated to support, promotion and advocacy of T_EX typesetting system created by Donald Knuth and maintained by the international community of developers. As of 2021 T_EXLive contains more than 460 programs and more than 7300 software packages.

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Notes

T_EXLive is a complex software suite, intended to produce typeset products in various formats (PDF, HTML, DVI, XML to name a few). In all case it takes an *input code* written in a machine-readable form and translates it to an *output format*, suitable to publication in the traditional (hard copy) or electronic form.

This document covers only the software used to convert the input code to the output format. The creation of the input code is outside the scope of this document, since it is done by third party software. T_EXLive software can accept as input text files created in any authoring tool. T_EX Users group is aware about fully accessible authoring tools, and promotes them on its web pages and publications.

A separate issue is the accessibility of the *output documents* created with T_EXLive software. The accessibility features of these documents depend on the settings in the input code and the packages used, and thus is not covered by this document. T_EX Users Group strives to make the creation of full accessible documents using its tool as simple as possible, and to make the accessibility features the default settings of our software. This is an ongoing effort, involving many developers. T_EX Users Group welcomes any help in this work.

The tools provided by T_EXLive are accompanied by technical documentation, both included in T_EXLive itself, and separate: there are many books, courses and other materials about T_EX. Many of the latter are fully accessible. The main documentation of T_EXLive, supported by T_EXLive team, is accessible as well. Most of the documentation for several thousand software packages in T_EXLive is provided in PDF or text format. By requiring machine readable textual sources of all documentation provided by T_EXLive packages, we ensure a certain level of accessibility for all documentation. However, the full audit of the documentation for all 7300+ packages created by many thousands of volunteers is not feasible at this time. T_EX Users group supports the efforts of making all T_EX documentation fully accessible.

Success Criteria, Level A

Criteria	Conformance Level:	Remarks and Explanations:
1.1.1 Non-text Content (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
1.2.1 Audio-only and Video only (Prerecorded)(Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
1.2.2 Captions Prerecorded (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
1.2.3 Audio Description or Media Alternative (Prerecorded)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
1.3.1 Info and Relationships (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
1.3.2 Meaningful Sequence (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
1.3.3 Sensory Characteristics (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:

Table 1 continued from previous page

Criteria	Conformance Level:	Remarks and Explanations:
1.4.1 Use of Color (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
1.4.2 Audio Control (Level A)	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
2.1.1 Keyboard (Level A)	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:
2.1.2 No Keyboard Trap (Level A)	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
	Web:	Web:
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
2.2.1 Timing Adjustable (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
2.2.2 Pause, Stop, Hide (Level A)	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
2.3.1 Three Flashes or Below Threshold (Level A)	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:

Table 1 continued from previous page

Criteria	Conformance Level:	Remarks and Explanations:
2.4.1 Bypass Blocks	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
2.4.2 Page Titled (Level A)	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
2.4.3 Focus Order (Level A)	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:
2.4.4 Link Purpose (In Context) (Level A)	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
	Web:	Web:
2.5.1 Pointer Gestures (Level A 2.1 only)	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
2.5.2 Pointer Cancellation (Level A 2.1 only)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
2.5.3 Label in Name (Level A 2.1 only)	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
2.5.4 Motion Actuation (Level A 2.1 only)	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
	Web:	Web:
	Electronic Docs:	Electronic Docs:

Table 1 continued from previous page

Criteria	Conformance Level:	Remarks and Explanations:
3.1.1 Language of Page	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
3.2.1 On Focus (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
3.2.2 On Input (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
3.3.1 Error Identification (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
3.3.2 Labels or Instructions (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
4.1.1 Parsing (Level A)	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool:
4.1.2 Name, Role, Value	Web:	Web:
	Electronic Docs:	Electronic Docs:
	Software:	Software:
	Closed:	Closed:
	Authoring Tool:	Authoring Tool: