

Using ConT_EXt

introduction

[1.1] This document describes the principles behind CON_T_EX_T, a full featured macro package, written in the typographical programming language T_EX. Here we also describe the conditions for (re)distributing the source code of CON_T_EX_T and accompanying PERL and METAPOST scripts.

[1.2] The name CON_T_EX_T is reserved for the distribution as provided by PRAGMA ADE. This distribution is copyrighted and licenced in the spirit of the GNU general public licence. To prevent problems with distributions and to ease support, we will stress some details of adapting sources and distributions.

[1.3] The graphic logos associated to PRAGMA ADE, CON_T_EX_T, T_EXUTIL and related programs are copyrighted by PRAGMA ADE and may not be used without permission.

[1.4] Whenever one of the source files of CON_T_EX_T mentions the file being copyrighted by PRAGMA ADE, the conditions mentioned in this document apply.

principles

[2.1] PRAGMA ADE originally developed CON_T_EX_T for producing highly inter-related documents as used in educational settings and process industry. Currently CON_T_EX_T is also used for typesetting complex documents like quality assurance manuals and large scale publications of publishing houses, to be distributed on paper as well as electronically. These applications require a stable but flexible system.

[2.2] One of the objectives of CON_T_EX_T is the low entry level, that is, for day-to-day use no special technical (and no in-depth T_EX) knowledge is needed. This is reflected in the user interface. We don't expect users to be experts on installing T_EX and adapting macros for local use.

[2.3] Further development of CON_T_EX_T takes place at PRAGMA ADE with the help and input from some active users. All kind of input from users is welcome and will be taken seriously. When we talk about CON_T_EX_T, we refer to the version as distributed by PRAGMA ADE and described in the official reference manual.

[2.4] All general typographic, data abstraction, and manipulative functionality is available in the core system. Domain and task specific modules are (and will become) available on top of this core.

[2.5] Users can write their own extensions using the hooks available in CON_T_EX_T. Such hooks make it possible to keep the core and modules intact. More hooks will be provided at request.

[2.6] A stable version of CON_T_EX_T is available for free for everyone who want to use it. Experimental, and thereby potentially non-stable, versions as well as certain dedicated modules, will be distributed under different conditions.

[2.7] Modules to CON_T_EX_T or adapted source code written by PRAGMA ADE for third parties as part of a project may not be distributed outside that organization. When decided as such, these modules will become part of the public distribution.

public version

- [3.1] The most recent stable version of `CONTEX` is available as free software under the conditions of the GNU general public licence.
- [3.2] This public version can be considered to be the ‘official public `CONTEX` distribution’.
- [3.3] The official version includes `TEX` macro files as well as some utility programs written in PERL and PERL/TK and some graphic macros written in the `METAPOST` language.
- [3.4] The official version may only be redistributed as a whole, including this licence.
- [3.5] This licence does not apply to components of the official version that are provided by third parties.

third party developments

- [4.1] This sections will not introduce limitations in use that conflict with the GNU general public licence. We only want to make sure that the average user will get the `CONTEX` they expect and that we can continue to support users efficiently.
- [4.2] Every user is free —and we even encourage that— to develop modules *cq.* layout definition files for `CONTEX`. However, the interface of such modules should fit as much as possible in the general scheme.
- [4.3] Special attention must be paid to keywords and command names. Because we want `CONTEX` to be as consistent as possible, those who write their own modules can best conform to the already defined keywords and make sure that commands will not clash with existing ones. An example of extending the user interface can be seen in the `PPCHTEX` module. The less commands a module introduces, the better!
- [4.4] On request, additional keywords and command names can be approved and/or assigned by the `CONTEX` Task Force and, when accepted, will be added to the validated definition files. The same applies to the names of files and auxiliary variables. When possible, these should conform the naming scheme laid down in the documentation.
- [4.5] Third party modules (and layout files) will not automatically become part of the `CONTEX` distribution, but will be collected and distributed separately. One reason for this is that they fall outside the maintainance responsibility of `PRAGMA ADE`. This also means that for instance in the `texmf` directory structure, the `context/base` location is reserved for the official distribution. Addition should go into `context/<thi rd>` and user specific things into `context/local`.
- [4.6] Users may not change the official distribution and redistribute that changed version as being the official one. This ensures that the integrity of `CONTEX` can is guaranteed. Local settings *cq.* bug fixes can be added in the files `cont-sys` and `cont-new`.
- [4.7] When adapted versions of `CONTEX` are distributed, these versions must contain the original distribution as a separate entity. The runtime versions (format files) must have different names and changed files must issue an additional `\writestatus` message, expressing

that something is changed. The rationale behind this is that some modules are generic, and are sometimes distributed on request separately. When distributing self contained modules and styles, a full distribution of originals is not required.

[4.8] Because many T_EX systems support recursive directory search, those who write extensions or change files, must make sure that the original CON_TE_XT does not suffer from loading the wrong files. We realize that this is not always easy, but please keep in mind that there are many users who cannot sort out these problems. Together we must guarantee that when users want to run original CON_TE_XT, nothing unexpected is loaded, because it makes support nearly impossible.

[4.9] Because CON_TE_XT is a monolithic system, and because hooks are provided, adaptations and extensions can best be put and/or loaded in the file `cont-new` which itself is loaded at run time. That way, users can still benefit from official updates.

[4.10] Changes in the original files must be marked as such and the welcome banner must clearly identify that a changed CON_TE_XT is used.

[4.11] The auxiliary programs may be adapted to local conditions, like operating systems specifics, but as soon as functionality is changed, removed or added, they must identify themselves as being changed. They must also bear different names.

[4.12] The same rules apply for the METAPOST macro files as for the T_EX macro files.

[4.13] Support of the official public version of CON_TE_XT mostly takes place by means of CON_TE_XT mailing list, as hosted by the NTG.

[4.14] Support for commercial use is subjected to different conditions. Parties, other than members of the CON_TE_XT task force, that want to use the latest (experimental) versions and direct support, can contact PRAGMA ADE on the specific conditions and the level of support they can get.

manuals

[5.1] Introduction manuals, reference documentation, module related manuals, quick reference guides, up-to-date documents, faqs, documented sources, and alike are available in paper and/or electronic form at several locations on the www. These documents may not be changed and serve as reference to the official version.

[5.2] Users are free to provide additional documentation to users. The official documentation provided by PRAGMA ADE may only be processed by PRAGMA ADE, although for testing purposes on request we sometimes permit local processing.

[5.3] Because the manuals provided by PRAGMA ADE are also examples of what can be done by CON_TE_XT, their layout is bound to these documents. In large this also applies to the whole CON_TE_XT demonstration suite. Additional, third party documentation, therefore may not use the same layout characteristics, like graphics (and tricks), unless permission is granted.

garantees

[6.1] Given the characteristics of CON_TE_XT, PRAGMA ADE cannot guarantee the typographic quality and the functionality of the output. This leaves alone that functionality and quality as provided will remain and even improve.

[6.2] When possible, typographic optimizations will take place and wishes cq. suggestions of users be honoured. Nevertheless, no guarantees are given.

[6.3] When additional functionality is provided, downward compatibility is guaranteed within reasonable bounds.

[6.4] Users of experimental modules should be aware of the fact that due to further optimization and consistency, the functionality will only be stable when explicitly stated. The common user will hardly notice this limitation.

[6.5] The generic modules can be used in other macro packages. Such modules are subjected to optimizations and therefore should be left unchanged.

[6.6] Undocumented macros and functionality are subjected to optimizations and use of them is ill advised.

distribution

[7.1] The official CON_TE_XT is available at the PRAGMA ADE WWW site, as well as on mirrors of this site, provided by the NTG and CTAN. The free T_EX distribution te_TE_X can be considered as a reference to integrating CON_TE_XT into a T_EX system.

[7.2] CON_TE_XT may be distributed as part of a public distribution in the spirit of free distributions. The authors of CON_TE_XT appreciate being notified on this.

[7.3] Each distribution of CON_TE_XT should include a copy of this text.

additional junk

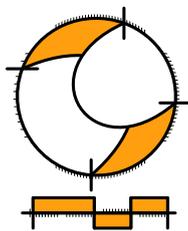
Just to be sure, we include some additional conditions here, especially meant for our USA friends. Forgive us the ugly uppercase typography: it's what people seem to like.

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[8.2] THE PROGRAM IS PROVIDED TO YOU "AS IS", WITHOUT WARRANTY. THERE IS NO WARRANTY FOR THE PROGRAM, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND

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PRAGMA ADE

Ridderstraat 27, 8061 GH Hasselt NL

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www.pragma-ade.nl