

CONTEXT

Format generation

CONTEXT is a full featured macro package, written in the typographic language T_EX. CONTEXT is parameter driven and has a multi-lingual interface. Currently there are three such interfaces: dutch, english and german. Therefore there are several ways to generate a format.

to get a the dutch interface, compile `cont-nl.tex`

to get a the dutch interface, compile `cont-en.tex`

to get a the dutch interface, compile `cont-de.tex`

and

to get a mixed interface, compile `context.tex`

User settings

The hyphenation pattern are sort of hard coded in a format file and cannot be loaded at run time. When other patterns are requested than the ones loaded by default, one should adapt the file `cont-usr.tex`. This file is loaded at format generation time. When for instance italian patterns are to be used, given that these are available in the file `lang-it.pat`, one must uncomment the line:

```
\installlanguage [\s!it] [\c!status=\v!start] % italian
```

The funny `\s!` and `\c!` things are needed in order to support multiple interfaces. Don't touch these!

The more run time specific settings, like certain special drivers, can be added to `cont-sys.tex`. This file is loaded at run time. This file for instance can contain the line:

```
\usespecials[reset,ps,tr,pdf]
```

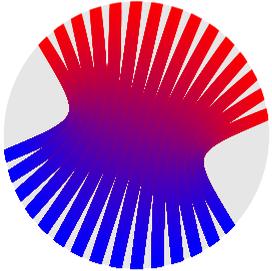
This commands tells CONTEXT to support PostScript and PDF, using DVIPS. In a similar fashion, using direct PDF output, one can say:

```
\usespecials[reset,tpd]
```

Of course one can also load location specific layout settings in this file. It is not that bad an idea to save copies of both files.

PPCH_TE_X

The chemical module PPCH_TE_X can, although primary written for CON_TE_XT, also be used in other packages. All the information needed to use this package can be found in the documentation.



T_EXUTIL

Originally written in Modula 2, T_EXUTIL now is a Perl script. T_EXUTIL is needed by CON_TE_XT for translating the CON_TE_XT generated utility file with the extension `tui` into one suffixed `tuo`. This utility takes care of sorting lists as well as registers, of which there can be many. The utility file is also used to store all kind of tables of contents, floats and whatever as well as two pass optimization data.

Like CON_TE_XT, T_EXUTIL has a multi-lingual interface. Just invoke the script without arguments and you'll be told what to do. Apart from taking care of the utility file, T_EXUTIL can be used to generate documentation files, graphic directories, log file excerpts and some more.



Nice to know

Updates

Apart from typographic optimizations, future versions of `CONTEXT` and its related modules will be downward compatible. Some features in the current version are still experimental and therefore not documented. Many of such hidden features can be used without problems, and when in search for some feature that is not or ill documented, one can best ask the authors for more information. The most recent version can be found at www.ntg.nl.

Bugs

Of course we cannot guarantee that `CONTEXT` is bug free. In the process of documenting the system, as well as translating the underlying macros into english, bugs can be introduced. Such bugs are rather harmless and can be removed rather easy. Just report any error and you'll be rewarded with an update.

Mailing lists

There are two special mailing lists:

- the `CONTEXT` mailing list: ntg-context@ntg.nl
- the `PPCHTEX` mailing list: ntg-ppchtex@ntg.nl

One can also directly contact the authors at:

PRAGMA ADE: pragma@pi.net

Using CONTEXT

principles

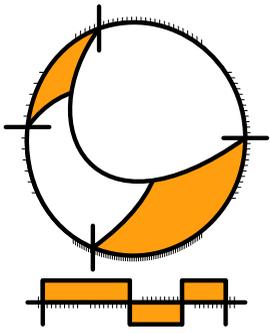
- [1.1] One of the main characteristics of CONTEXT is the low entry level, that is, no special technical knowledge is needed.
- [1.2] PRAGMA ADE uses CONTEXT for typesetting paper as well as electronic documents and thereby is one of her primary production tools.
- [1.3] Further development of CONTEXT takes place at PRAGMA ADE with help from some active users: the CONTEXT Task Force.
- [1.4] The next few years some domain specific modules will be written on top of CONTEXT.

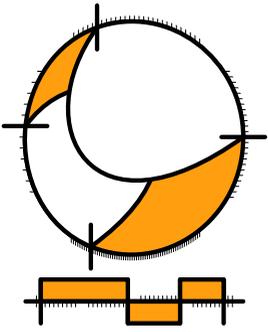
public use

- [2.1] The most recent stable version of CONTEXT is available in the public domain and may be used by everyone, except by direct competitors of PRAGMA ADE.
- [2.2] Support of the public domain version of CONTEXT takes place by means of (internet) mailing lists, meetings of T_EX user groups, and in special cases bilateral.

commercial use

- [3.1] Systematic large scale commercial use of CONTEXT is permitted, given permission by PRAGMA ADE, conforming the conditions as stated below.
- [3.2] With commercial use, we mean systematic document processing for third parties as well as large scale in-company use. Using CONTEXT in an iterative process towards an optimal document (for instance an article) is of course permitted.
- [3.3] Commercial use and support of commercial use of CONTEXT takes place under strict conditions.





[3.4] Commercial users (and here we explicitly mean commercial organisations that are potential customers of PRAGMA ADE) should pay a decent contribution. Thereby we distinguish an entry fee as well as a systematic fee for further development and support. The amount depends on the scale of the organisation, the estimated benefit of the use, and the estimated input for further development of CONTEX_T.

[3.5] Support can be tailor-made training, writing additional documentation, developing additional functionality, providing company specific layouts, and answering questions and solving problems of users.

[3.6] As said, support can be developing additional functionality. Non company specific extensions will be added to the public domain version of CONTEX_T.

[3.7] Individuals and organisations that support the development of CONTEX_T as well as those organisations that pay for the use of CONTEX_T, have access to intermediate releases.

third party developments

[4.1] Every user is free (and we even encourage that) to develop modules cq. layout definition files for CONTEX_T. However, the interface of such modules should fit in the general scheme.

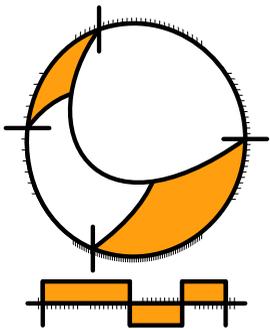
[4.2] Additional keywords and command names are to be approved and/or assigned by the CONTEX_T Task Force and will be added to the validated definition files. The same goes for the names of files and auxiliary variables.

[4.3] Such additional modules (and layout files) will not be part of the CONTEX_T main structure, but will be collected and distributed in their own structure.

[4.4] Users, unless members of the CONTEX_T Task Force, may not change modules of the default distribution. Only that way the integrity of CONTEX_T can be guaranteed. Own settings cq. bug fixes can be added in the files `cont-sys` and `cont-new`.

manuals

[5] Users are free to provide additional documentation to users. The documentation provided by PRAGMA ADE may only be processed and distributed by PRAGMA ADE cq. members of the CONTEX_T Task Force, unless explicitly negotiated.



garantees

[6.1] Given the characteristics of `CONTEXT`, `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.

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

distribution

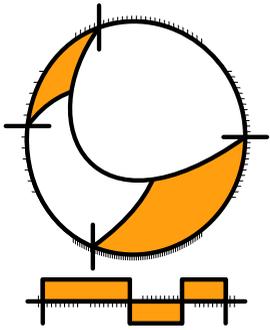
[7.1] At this moment `CONTEXT` is distributed in a controlled way, that is, by means of the WWW server of the Dutch `TEX` Users Group (NTG), and as part of `TEX` distributions (under control) of `TEX` user groups.

[7.2] Commercial distribution of `CONTEXT` is not permitted.

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

additional junk

[7.4] Just to be sure, we include some additional conditions here, especially means for our USA friends. Forgive us the ugly uppercase typography.



[7.5] BY MODIFYING OR DISTRIBUTING THE PROGRAM (OR ANY WORK BASED ON THE PROGRAM), YOU INDICATE YOUR ACCEPTANCE OF THIS LICENSE TO DO SO, AND ALL ITS TERMS AND CONDITIONS FOR COPYING, DISTRIBUTING OR MODIFYING THE PROGRAM OR WORKS BASED ON IT. NOTHING OTHER THAN THIS LICENSE GRANTS YOU PERMISSION TO MODIFY OR DISTRIBUTE THE PROGRAM OR ITS DERIVATIVE WORKS. THESE ACTIONS ARE PROHIBITED BY LAW. IF YOU DO NOT ACCEPT THESE TERMS AND CONDITIONS, DO NOT MODIFY OR DISTRIBUTE THE PROGRAM.

[7.6] 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 NON-INFRINGEMENT OF THIRD PARTY RIGHTS. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

[7.7] IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL LICENSOR, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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