# CONTEXT

## SOURCE FILES

# CHARACTER MACROS

**char-act** — Active characters via lua
lua

**char-cmp** — LUA character composition
lua

**char-def** — Unicode Support
tex,lua

**char-ini** — Character Support (Initialization)
tex,lua

**char-map** — Case mapping
lua

**char-mth** — Math named character table
lua

**char-syn** — Named character synonyms
lua

**char-tok** — LUA token handlers
lua

**char-utf** — Unicode Support (UTF)
tex,lua

**node-ini** — Node Support (Initialization)
tex,lua

**toks-ini** — Token Support (Initialization)
tex,lua

# COLOR MACROS

**colo-ema**
<small>tex</small>
Emacs Colors

**colo-ext**
<small>tex</small>
Extras

**colo-hex**
<small>tex</small>
Hex Colors

**colo-ini**
<small>tex</small>
Initialization

**colo-new**
<small>tex,mkii,mkiv,lua</small>
Initialization

**colo-rgb**
<small>tex</small>
RGB

**colo-run**
<small>tex</small>
Runtime loaded commands

**colo-xwi**
<small>tex</small>
X Windows

# CONTEXT FORMATS

| | | |
|---|---|---|
| **context** <br> tex | Format Generation |
| **cont-cs** <br> tex | Czech Format Generation |
| **cont-cz** <br> tex | Czech Format Generation |
| **cont-de** <br> tex | German Format Generation |
| **cont-en** <br> tex,lua | English Format Generation |
| **cont-fr** <br> tex | German Format Generation |
| **cont-gb** <br> tex | English Format Generation |
| **cont-it** <br> tex | Italian Format Generation |
| **cont-nl** <br> tex | Dutch Format Generation |
| **cont-ro** <br> tex | Romanian Format Generation |
| **cont-uk** <br> tex | English Format Generation |

# CORE MACROS

| | | | | |
|---|---|---|---|---|
| **core-bar**<br>tex | Margin Bars and alike | | **core-gen**<br>tex | General |
| **core-blk**<br>tex | Blockmoves | | **core-grd**<br>tex | Grid Snapping (Experimental) |
| **core-box**<br>tex | Boxes | | **core-hlp**<br>tex | Help (Experimental) |
| **core-buf**<br>tex,mkii,mkiv,lua | Buffers | | **core-inc**<br>tex,mkii,mkiv,lua | Figure Inclusion |
| **core-con**<br>tex,mkii,mkiv,lua | Conversion Macros | | **core-ins**<br>tex | Insertions |
| **core-ctx**<br>tex,mkii,mkiv,lua | Job Control | | **core-ini**<br>tex | Additional Initialization |
| **core-dat**<br>tex | Database Support | | **core-int**<br>tex | Interaction |
| **core-def**<br>tex | Defaults | | **core-itm**<br>tex | itemgroups |
| **core-des**<br>tex | Descriptions | | **core-job**<br>tex,mkii,mkiv,lua | Job Handling |
| **core-fig**<br>tex | Figure Inclusion | | **core-lme**<br>tex | LAst Minute Extensions |
| **core-fil**<br>tex | File Support | | **core-lnt**<br>tex | Line Notes |
| **core-fld**<br>tex | Fill in fields | | **core-lst**<br>tex | Lists |
| **core-fnt**<br>tex | Font Support | | **core-ltb**<br>tex | Line Tables |
| | | | **core-mak**<br>tex | General Makeup Commands |

# CORE MACROS

| | | | | |
|---|---|---|---|---|
| **core-mar** <br> tex | Markings | | **core-reg** <br> tex,mkii,mkiv,lua | Register Management |
| **core-mat** <br> tex | Math Fundamentals | | **core-rul** <br> tex,mkii,mkiv,lua | Ruled Stuff Handling |
| **core-mis** <br> tex | Miscellaneous | | **core-sec** <br> tex | Sectioning |
| **core-nav** <br> tex | Navigation | | **core-snc** <br> tex | Synchronization Support |
| **core-new** <br> tex | New ones | | **core-spa** <br> tex,mkii,mkiv,lua | Spacing |
| **core-not** <br> tex | Note Handling | | **core-stg** <br> tex | Strategies |
| **core-ntb** <br> tex | Natural Tables | | **core-swd** <br> tex | Section Worlds |
| **core-num** <br> tex | Numbering | | **core-syn** <br> tex,mkii,mkiv,lua | Synonyms and Sorts |
| **core-obj** <br> tex,mkii,mkiv,lua | Object Handling | | **core-sys** <br> tex,mkii,mkiv | System |
| **core-par** <br> tex | Paragraph Tricks | | **core-tab** <br> tex | TABLE Embedding |
| **core-pgr** <br> tex | Positioning Support | | **core-tbl** <br> tex | Text Flow Tabulation |
| **core-pos** <br> tex,mkii,mkiv,lua | Positioning Support | | **core-trf** <br> tex | Transformations |
| **core-ref** <br> tex | Cross Referencing | | **core-tsp** <br> tex | Splitting Tables |

# CORE MACROS

| | | | | |
|---|---|---|---|---|
| **core-two** <br> `tex,mkii,mkiv,lua` | Two Pass Data | | **page-lin** <br> `tex,mkii,mkiv,lua` | Line Numbering |
| **core-uti** <br> `tex,mkii,mkiv,lua` | Utility File Handling | | **page-mar** <br> `tex` | Marginal Things |
| **core-var** <br> `tex` | Variables | | **page-num** <br> `tex` | Numbering |
| **core-ver** <br> `tex,mkii,mkiv` | Verbatim | | **page-par** <br> `tex` | Line Numbering |
| **core-vis** <br> `tex` | Visualization | | **page-pls** <br> `tex` | Page Setup |
| **page-app** <br> `tex` | Independent page building | | **page-str** <br> `tex` | Page Streams |
| **page-imp** <br> `tex` | Pagebody Building (Imposition) | | **syst-rtp** <br> `tex,mkii,mkiv` | Run Time Processes |

# ENCODING MACROS

| | | | | |
|---|---|---|---|---|
| **enco-032** <br> tex | Unicode Goodies | | **enco-fro** <br> tex | Romanian Input Filter |
| **enco-acc** <br> tex | Composed Characters Commands | | **enco-fsl** <br> tex | Slovenian Specialities |
| **enco-ans** <br> tex | YandY texnansi Encoding | | **enco-grk** <br> tex | Greek |
| **enco-cas** <br> tex | Named Glyph Case Mapping | | **enco-heb** <br> tex | Hebrew |
| **enco-chi** <br> tex | Traditional and Simplified Chinese | | **enco-ibm** <br> tex | Hebrew |
| **enco-com** <br> tex | Composed Characters Commands | | **enco-il2** <br> tex | Czech / Slovak Latin 2 Encoding |
| **enco-cyr** <br> tex | Cyrillic | | **enco-ini** <br> tex,mkii,mkiv | Initialization |
| **enco-def** <br> tex | Default Character Definitions | | **enco-mis** <br> tex | Missing Glyphs |
| **enco-ec** <br> tex | LaTeX EC Encoding | | **enco-pdf** <br> tex | YandY texnansi Encoding |
| **enco-ecm** <br> tex | Glyphs that may be missing in EC | | **enco-pfr** <br> tex,mkii,mkiv | PDF Font Resource Inclusion |
| **enco-el** <br> tex | EuroLetter | | **enco-pol** <br> tex | Polish Mixed Encoding |
| **enco-fde** <br> tex | German Input Filter | | **enco-qx** <br> tex | Polish QX Encoding |
| **enco-ffr** <br> tex | French Input Filter | | **enco-raw** <br> tex | plain ASCII Encoding |
| **enco-fpl** <br> tex | Polish Input Filter | | **enco-run** <br> tex | Runtime Macros |

# ENCODING MACROS

**enco-t5**
tex
New Vietnamese Encoding

**enco-tbo**
tex
TeXBaseOne Encoding

**enco-uc**
tex
Unicode (backwards mapping)

**enco-utf**
tex
UTF-* Encoding

**enco-vna**
tex
Vietnamese Accents

**enco-x5**
tex
Vietnamese Encoding

# EXTRA MODULES

| | | | |
|---|---|---|---|
| **m-chemic** tex | PPCHTeX (Chemistry) | **m-level** tex | Catching Nesting Errors |
| **m-cweb** tex | CWEB Pretty Printing Macros | **m-pictex** tex | PiCTeX Loading Macros |
| **m-dratex** tex | DRATEX Loading Macros | **m-plus** tex | Loading extra features |
| **m-educat** tex | Educational Extras | **m-pstricks** tex | PSTRICKS Connections |
| **m-gamma** tex | Basic OMEGA Support | **m-tryout** tex | Tryout Features |
| **m-gnuplot** tex | GNUPLOT Inclusion | **m-units** tex | Scientific Units |
| **m-graph** tex | METAPOST graph module support | **m-visual** tex | Visualization and Faking |
| **m-invull** tex | Exercise | | |

# FONT MACROS

**font-arb** — Old arabtex loader
tex

**font-bfm** — Mixed Normal and Bold Math
tex

**font-chi** — Chinese
tex

**font-col** — Fallbacks (collections)
tex,lua

**font-heb** — Old arabtex hebrew loader
tex

**font-ini** — Initialization
tex,mkii,mkiv,lua

**font-jap** — Japanese
tex

**font-run** — Runtime Macros
tex

**font-uni** — Unicode Initialization
tex

**font-unk** — Unknown Defaults
tex

# JAVASCRIPT MACROS

**java-ans** _tex_    Answer Analization

**java-exa** _tex_    Example Support

**java-fil** _tex_    Filing and Printing

**java-fld** _tex_    Field Support

**java-ini** _tex_    Initialization

**java-stp** _tex_    Stepping

# LANGUAGE MACROS

| Macro | Type | Description |
|---|---|---|
| lang-alt | tex | Altaic Languages |
| lang-ana | tex | Anatolian Languages |
| lang-ara | tex | Arabic Languages |
| lang-art | tex | Artificial Languages |
| lang-bal | tex | Baltic Languages |
| lang-cel | tex | Celtic Languages |
| lang-chi | tex | Chinese |
| lang-ctx | tex | Generic Patterns |
| lang-cyr | tex | Cyrillic Languages |
| lang-dis | tex | Distribution Patterns |
| lang-frd | tex | Frequency Table Data |
| lang-frq | tex | Frequency Table Support |
| lang-ger | tex | Germanic Languages |
| lang-grk | tex | Uralic Languages |
| lang-ind | tex | Indo Iranian Languages |
| lang-ini | tex,mkii,mkiv,lua | Initialization |
| lang-ita | tex | Italic Languages |
| lang-jap | tex | Japanese |
| lang-lab | tex | Head and Label Texts |
| lang-mis | tex | Language Options |
| lang-run | tex | Runtime Macros |
| lang-sla | tex,mkii,mkiv | Slavic Languages |
| lang-sla | tex,mkii,mkiv | Uralic Languages |
| lang-spa | tex | Spacing |
| lang-spe | tex | Specifics |
| lang-tst | lua | Experimental lua tests |
| lang-url | tex,mkii,mkiv,lua | Language Options |

# LANGUAGE MACROS

**lang-vn**
<sub>tex</sub>    Vietnamese

**supp-pat**
<sub>tex</sub>   Loading (Generic) Patterns

**lang-all**
<sub>xml</sub>   Language data database

# MKIV HTML PAGES

**context-characters**
lmx
companion to comm-xml.tex

**context-debug**
lmx
companion to comm-xml.tex

**context-error**
lmx
companion to comm-xml.tex

**context**
css
CSS setups

# MKIV FONT CODE

| | |
|---|---|
| **font-afm** <br> lua | Handling AFM files |
| **font-def** <br> lua | Parsing font definitions |
| **font-enc** <br> lua | Encoding remapper |
| **font-ext** <br> lua | Font expansion and protrusion |
| **font-fbk** <br> lua | Font fallbacks (experimental) |
| **font-map** <br> lua | Mapfile loader |
| **font-old** <br> lua | old obsolete stuff |
| **font-otf** <br> lua | Handling OTF and TTF files |
| **font-syn** <br> lua | Font filename aliases |
| **font-tfm** <br> lua | Handling TFM files |
| **font-vf** <br> lua | Handling VF files |

# MATH MACROS

| | | | |
|---|---|---|---|
| **math-ams** <br> tex | AMS Specials | **math-lbr** <br> tex | Lucida Specials |
| **math-cow** <br> tex | Cow Math | **math-mis** <br> tex | Miscellaneous Symbols |
| **math-def** <br> lua | MKIV definitions | **math-run** <br> tex | Runtime Macros |
| **math-ent** <br> lua | MKIV Math entities | **math-tex** <br> tex | Plain Specials |
| **math-eul** <br> tex | Virtual Euler Specials | **math-tim** <br> tex | Mathtime Specials |
| **math-ext** <br> tex | Extra Macros | **math-uni** <br> tex | unicode support |
| **math-fou** <br> tex | Fourier Specials | | |
| **math-ini** <br> tex,mkii,mkiv,lua | Basic Macros | | |

# MISCELLANEOUS

| | | | |
|---|---|---|---|
| **attr-ini** <br> tex,lua | Aattribute initialization | **filt-ini** <br> tex | Filter initialization |
| **cont-err** <br> tex | Just A warning | **hand-def** <br> tex | Default Protruding Factors |
| **cont-fil** <br> tex | File Synonyms | **hand-ini** <br> tex,mkii,mkiv | Handling initialization |
| **cont-log** <br> tex | TeX Logos | **todo-mkii** <br> tex | MKII todo list |
| **cont-mtx** <br> tex | Experimental MetaTeX Macros | **todo-mkiv** <br> tex | MKIV todo list |
| **cont-new** <br> tex,mkii,mkiv | New Macros | **typo-ini** <br> tex | Typographic macros |
| **cont-old** <br> tex | Old Macros | **x-dir-01** <br> tex | Directory handling overview |
| **cont-sys** <br> ori | System Specific Setups | **x-ldx** <br> ctx | LUA Documentation Generator |
| **filt-bas** <br> tex | Base filter collection | | |

# CONTEXT MODULES

| | | | |
|---|---|---|---|
| **m-arabtex** <br> tex | Arabic | **m-r** <br> tex | R Support |
| **m-chart** <br> tex | Flow Charts | **m-steps** <br> tex | Step Charts and Tables |
| **m-database** <br> tex | Database Thingies | **m-streams** <br> tex | Streams |
| **m-editsnc** <br> tex | Editor Synchronization | **m-subsub** <br> tex | More Section Levels |
| **m-layout** <br> tex | Additional Layouts | **m-tex4ht** <br> tex | Preliminary tex4ht support |
| **m-narrowtt** <br> tex | Narrow Verbatim | **m-timing** <br> tex | Timing |
| **m-newmat** <br> tex | AMS-like math extensions | **x-calcmath** <br> mkiv | Calculator Math |
| **m-pdfsnc** <br> tex | Editor Synchronization | | |

# MULTILINGUALS

**mult-com**
tex
Commands

**mult-con**
tex
Constants

**mult-fst**
tex
Speed Up

**mult-ini**
tex,mkii,mkiv,lua
Initialization

**mult-sys**
tex
System

# OtR MACROS

**page-flt** <sub>tex</sub>  Floating Bodies

**page-flw** <sub>tex</sub>  Text Flows

**page-mul** <sub>tex</sub>  Multi Column Output

**page-one** <sub>tex</sub>  Default Routine

**page-set** <sub>tex</sub>  Column Sets

**page-sid** <sub>tex</sub>  Side Floats

# PDF FONT RESOURCES

**pdfr-def**
tex
Character definitions (autogenerated)

**pdfr-ec**
tex
EC encoding

# PAGE MACROS

| | |
|---|---|
| page-bck <br> tex | Backgrounds |
| page-ini <br> tex | Initializations |
| page-lay <br> tex | Layout Specification |
| page-log <br> tex | Logos |
| page-lyr <br> tex | Layers |
| page-mak <br> tex | Simple MakeUp |
| page-new <br> tex | Fontsite 500 |
| page-new <br> tex | Page New |
| page-nnt <br> tex | Footnotes |
| page-run <br> tex | Runtime Macros |
| page-spr <br> tex | Spreading |
| page-txt <br> tex | Texts |

# PROPERŁY MACROS

**prop-ini**
tex
Initialization

**prop-lay**
tex
Layers

**prop-mis**
tex,mkii,mkiv
Miscelaneous

**prop-run**
tex
Runtime Macros

# RLX RESPONSE FILES

**rlxcache** Cache
rlx
**rlxtools** Tools
rlx

# REGIME MACROS

| | | | | |
|---|---|---|---|---|
| `enco-ibm`<br>tex | IBM (DOS) Regime | | `regi-8859-4`<br>tex,lua | iso-8859-4 (North European) |
| `enco-lat`<br>tex | Latin2 Regime | | `regi-8859-5`<br>tex,lua | iso-8859-5 (Cyrillic) |
| `enco-vis`<br>tex | Vietnamese Regime | | `regi-8859-6`<br>lua | iso-8859-6 |
| `enco-win`<br>tex | Windows Regime | | `regi-8859-7`<br>tex,lua | iso-8859-7 (Greek) |
| `regi-8859-1`<br>tex,lua | iso-8859-1 (West European) | | `regi-8859-8`<br>lua | iso-8859-8 |
| `regi-8859-10`<br>tex,lua | iso-8859-10 (Nordic) | | `regi-8859-9`<br>tex,lua | iso-8859-9 (Turkish) |
| `regi-8859-11`<br>lua | iso-8859-11 | | `regi-cp1250`<br>tex,lua | cp1250 (East European) |
| `regi-8859-13`<br>tex,lua | iso-8859-13 (Baltic) | | `regi-cp1251`<br>tex,lua | cp1251 (Cyrillic) |
| `regi-8859-14`<br>lua | iso-8859-14 | | `regi-cp1252`<br>tex,lua | cp1252 (West European) |
| `regi-8859-15`<br>tex,lua | iso-8859-15 (West European) | | `regi-cp1253`<br>tex,lua | cp1253 (Greek) |
| `regi-8859-16`<br>tex,lua | iso-8859-16 (Romanian) | | `regi-cp1254`<br>tex,lua | cp1254 (Turkish) |
| `regi-8859-2`<br>tex,lua | iso-8859-2 (East European) | | `regi-cp1255`<br>lua | code page 1255 |
| `regi-8859-3`<br>tex,lua | iso-8859-3 (South European) | | `regi-cp1256`<br>lua | code page 1256 |

# REGIME MACROS

| | | | |
|---|---|---|---|
| **regi-cp1257** <br> tex,lua | cp1257 (Windows Baltic) | **regi-mac** <br> tex | Mac Encoding |
| **regi-cp1258** <br> lua | code page 1258 | **regi-run** <br> mkii | Runtime Macros |
| **regi-cyp** <br> tex | Cyrillic Plus | **regi-syn** <br> tex | Synonyms |
| **regi-cyr** <br> tex | Cyrillic | **regi-uni** <br> tex | Unicode |
| **regi-def** <br> tex | Default Character Definitions | **regi-utf** <br> tex | UTF-8 |
| **regi-ibm** <br> tex | IBM Msdos codepage | **regi-vis** <br> tex | viscii |
| **regi-ini** <br> tex,mkii,mkiv,lua | Initialization | | |

# SETUP DEFINITIONS

**x-set-11** Macro Definitions
tex,mkii,mkiv

**x-set-12** Macro Definitions
tex

**x-set-01** Macro Definitions
tex

**x-set-02** Macro Definitions
tex

# SORTING MACROS

**sort-def** Defaults
tex,mkii,mkiv

**sort-ini** Initialization
tex,mkii,mkiv,lua

**sort-lan** Language Definitions
tex,mkii,mkiv,lua

# SPECIAL MACROS

**spec-def**
tex,mkii,mkiv — Definitions

**spec-dpm**
tex — DVIPDFM support

**spec-dpx**
tex — DVIPDFMx support

**spec-dvi**
tex — Generic TEX Solutions

**spec-fdf**
tex,mkii,mkiv — Support Macros

**spec-ini**
tex — Initialization

**spec-mis**
tex — Miscellaneous Macros

**spec-pdf**
tex,lua — Adobe ACROBAT version 2.1

**spec-ps**
tex — Adobe PostScript

**spec-tpd**
tex,mkii,mkiv — PDFTEX

**spec-tr**
tex — Thomas Rokicki's DVIPS

**spec-tst**
tex — Special Test Macro

**spec-var**
tex — Variables

**spec-win**
tex — YandY's DVIWINDO

**spec-xtx**
tex — XƎTEX support

**spec-yy**
tex — YandY's DVIPSONE and DVIWINDO

# STYLE FILES

| | | | | |
|---|---|---|---|---|
| **s-abr-01** tex | General Abbreviations 1 | | **s-mag-01** tex | Magazine Base Style |
| **s-abr-02** tex | General Abbreviations 2 | | **s-map-se** tex | MAPS basis stijl |
| **s-abr-03** tex | General Abbreviations 3 | | **s-mod-00** tex | Documentation Base Environment |
| **s-cdr-01** tex | CDROM Cover | | **s-mod-01** tex | Documentation Paper Environment |
| **s-chi-00** tex | Basic Chinese Style | | **s-mod-02** tex | Documentation Screen Environment |
| **s-faq-00** tex | FAQ Common Macros | | **s-pre-00** tex | Presentation Environment 0 |
| **s-faq-01** tex | FAQ Interactive Version | | **s-pre-01** tex | Presentation Environment 1 |
| **s-faq-02** tex | FAQ Paper Version | | **s-pre-02** tex | Presentation Environment 2 |
| **s-faq-03** tex | FAQ General Framework | | **s-pre-03** tex | Presentation Environment 3 |
| **s-fnt-01** tex | Font Environment 1 | | **s-pre-04** tex | Presentation Environment 4 |
| **s-fnt-02** tex | Font Environment 2 | | **s-pre-05** tex | Presentation Environment 5 |
| **s-fnt-10** tex | Font Environment definitions | | **s-pre-06** tex | Presentation Environment 6 |
| **s-grk-00** tex | CB Greek Support | | **s-pre-07** tex | Presentation Environment 7 |
| **s-jap-00** tex | Basic Japanese Style | | **s-pre-08** tex | Presentation Environment 8 |

# STYLE FILES

| | | | | |
|---|---|---|---|
| `s-pre-09` tex | Presentation Environment 9 | `s-pre-63` tex | Presentation Environment 63 |
| `s-pre-10` tex | Presentation Environment 10 | `s-pre-64` tex | Presentation Environment 64 |
| `s-pre-13` tex | Presentation Environment 13 | `s-ptj-01` tex | PracTeX Journal Style |
| `s-pre-14` tex | Presentation Environment 14 | `s-syn-01` tex | Preliminary Syntax Stuff |
| `s-pre-15` tex | Presentation Environment 15 | `s-sys-01` tex | Generate List of Math Symbol |
| `s-pre-16` tex | Presentation Environment 16 | `x-fig-00` tex | Figure Base Loading |
| `s-pre-19` tex | Presentation Environment 19 | `x-fig-01` tex | Figure Base Generation |
| `s-pre-20` tex | Presentation Environment 20 | `x-fig-01` tex | Figure Base Generation |
| `s-pre-22` tex | Presentation Environment 22 | `x-fig-02` tex | Figure Base Inclusion (I) |
| `s-pre-30` tex | Presentation Environment 30 | `x-fig-03` tex | Figure Base Inclusion (II) |
| `s-pre-50` tex | Presentation Environment 50 | `x-res-00` tex | Resource Libraries |
| `s-pre-60` tex | Presentation Environment 60 | `x-res-02` tex | Figure Base Inclusion (I) |
| `s-pre-61` tex | Presentation Environment 61 | `x-res-03` tex | Figure Base Inclusion (II) |
| `s-pre-62` tex | Presentation Environment 62 | `x-res-04` tex | Figure Base Loading |

# STYLE FILES

# SUPPORT MACROS

| | |
|---|---|
| **meta-pdf** <br> tex,mkii,mkiv,lua | METAPOST to PDF conversion |
| **meta-tex** <br> tex,mkii,mkiv | METAPOST fast text insertion |
| **supp-ali** <br> tex | Alignment |
| **supp-box** <br> tex | Boxes |
| **supp-dir** <br> tex | Directional Things |
| **supp-emp** <br> tex | EMTEX specials to PDF conversion |
| **supp-eps** <br> tex | EPS tools |
| **supp-fil** <br> tex,mkii,mkiv,lua | Files |
| **supp-fun** <br> tex | Fun Stuff |
| **supp-ini** <br> tex | Initializations |
| **supp-lan** <br> tex | Language Options |
| **supp-mat** <br> tex | Math |

| | |
|---|---|
| **supp-mis** <br> tex | Missing (For Generic Use) |
| **supp-mpe** <br> tex | METAPOST Special Extensions |
| **supp-mps** <br> tex | METAPOST Inclusion |
| **supp-mrk** <br> tex | Marks |
| **supp-num** <br> tex | Number (Digit) Handling |
| **supp-pdf** <br> tex | METAPOST to PDF conversion |
| **supp-ran** <br> tex | Random Number Generation |
| **supp-spe** <br> tex | Specials |
| **supp-tpi** <br> tex | TPIC Conversion |
| **supp-vis** <br> tex | Visualization |
| **syst-new** <br> tex | New Ones |

# SYMBOL LIBRARIES

**symb-cow** <sub>tex</sub>  Cow Symbols

**symb-eur** <sub>tex</sub>  Adobe Euro Symbols

**symb-glm** <sub>tex</sub>  Guillemots

**symb-ini** <sub>tex</sub>  Basic Symbols Commands

**symb-jmn** <sub>tex</sub>  Special Navigational Symbols

**symb-mis** <sub>tex</sub>  Miscelaneous

**symb-mvs** <sub>tex</sub>  Martin Vogels Symbole

**symb-nav** <sub>tex</sub>  Navigational Symbols

**symb-run** <sub>tex</sub>  Runtime Macros

**symb-uni** <sub>tex</sub>  Unicode Symbols

**symb-was** <sub>tex</sub>  Roland Waldi's Symbols (wasy-2)

# SYSTEM MACROS

**math-pln** *tex* — Efficient PLAIN TeX loading

**syst-cat** *tex,mkii,mkiv* — Catcode Handling

**syst-chr** *tex* — Character Related Things

**syst-con** *tex,mkii,mkiv,lua* — Conversions

**syst-etx** *tex* — Efficient PLAIN TeX loading

**syst-ext** *tex* — Extras

**syst-fnt** *tex* — Font Things

**syst-gen** *tex* — General

**syst-mtx** *tex* — METATeX specifics

**syst-omg** *tex* — A couple of Omega goodies

**syst-pdt** *tex* — PDFTeX specifics

**syst-pln** *tex* — Efficient PLAIN TeX loading

**syst-prm** *tex* — Primitive Behavior

**syst-str** *tex,mkii,mkiv* — String Processing

**syst-tex** *tex* — Efficient PLAIN TeX loading

**syst-var** *tex* — Variables

**syst-xtx** *tex* — X∃TeX specifics

# THIRD PARTY MACROS

`thrd-pic`
**tex**
PicTeX

`thrd-ran`
**tex**
Randomizer

`thrd-tab`
**tex**
TaBlE

`thrd-trg`
**tex**
Trigonometry

# TYPESCRIPT MACROS

| | | | | |
|---|---|---|---|---|
| **type-akb** <br><small>tex</small> | Adobe's Famous Gang of Fonts | | **type-map** <br><small>tex</small> | Mapfile scripts |
| **type-buy** <br><small>tex</small> | A Few Commercial Fonts | | **type-msw** <br><small>tex</small> | Microsoft Windows Fonts |
| **type-cbg** <br><small>tex</small> | CB Greek | | **type-old** <br><small>tex</small> | Ghosts from the Past |
| **type-cow** <br><small>tex</small> | Cow Fonts | | **type-omg** <br><small>tex</small> | Basic OMEGA Gamma Definitions |
| **type-def** <br><small>tex</small> | Default Definitions | | **type-one** <br><small>tex</small> | Type One Definitions |
| **type-dis** <br><small>tex</small> | Distribution scripts | | **type-otf** <br><small>tex</small> | Opentype Definitions |
| **type-enc** <br><small>tex</small> | Encoding scripts | | **type-pre** <br><small>tex</small> | Compatibility scripts |
| **type-exa** <br><small>tex</small> | Example scripts | | **type-run** <br><small>tex</small> | Runtime Macros |
| **type-exp** <br><small>tex</small> | Experimental Definitions | | **type-siz** <br><small>tex</small> | Sizing scripts |
| **type-ghz** <br><small>tex</small> | Hermann Zapf's Fonts | | **type-spe** <br><small>tex</small> | Special scripts |
| **type-gyr** <br><small>tex</small> | TeXGyre Collection | | **type-syn** <br><small>tex</small> | Filename scripts |
| **type-hgz** <br><small>tex</small> | Hermann Zapf's Fonts | | **type-tmf** <br><small>tex</small> | Core TeX Fonts |
| **type-ini** <br><small>tex</small> | Initialization | | **type-xtx** <br><small>tex</small> | XƎTEX's font treasures |

# UNICODE MACROS

| | | | | |
|---|---|---|---|---|
| **enco-037**<br>tex | Encoding for vector 37 | | **unic-033**<br>tex | Vector 33 |
| **enco-agr**<br>tex | Ancient Greek | | **unic-034**<br>tex | Vector 34 |
| **unic-000**<br>tex | Vector 0 | | **unic-037**<br>tex | Vector 37 |
| **unic-001**<br>tex | Vector 1 | | **unic-039**<br>tex | Vector 39 |
| **unic-002**<br>tex | Vector 2 | | **unic-251**<br>tex | Vector 251 |
| **unic-003**<br>tex | Vector 3 | | **unic-cjk**<br>tex | CJK Vectors |
| **unic-004**<br>tex | Vector 4 | | **unic-exp**<br>tex | Unicode vector expansion |
| **unic-005**<br>tex | Vector 5 | | **unic-ini**<br>tex,mkii,mkiv | Unicode and UTF-8 support |
| **unic-030**<br>tex | Vector 30 | | **unic-run**<br>tex | Goodies |
| **unic-031**<br>tex | Vector 31 | | | |
| **unic-032**<br>tex | Vector 32 | | | |

# USER SPECIFICATIONS

cont-usr  System Specific Setups
ori

# VERBATIM MACROS

**verb-c**
tex
Pretty C Verbatim

**verb-eif**
tex
Pretty Eiffel Verbatim

**verb-ini**
tex
Initialization

**verb-js**
tex
Pretty JAVASCRIPT Verbatim

**verb-jv**
tex
Pretty JAVA Verbatim

**verb-lua**
lua
Pretty LUA verbatim

**verb-mp**
tex,lua
Pretty METAPOST Verbatim

**verb-pas**
tex
Pretty PASCAL and MODULA

**verb-pl**
tex
Pretty PERL Verbatim

**verb-raw**
tex
RAW

**verb-sql**
tex
Pretty SQL Verbatim

**verb-tex**
tex,lua
Pretty TeX verbatim

**verb-xml**
tex
Pretty XML verbatim

# XML MODULES

| | |
|---|---|
| **x-cals**<br>mkiv | Cals table renderer |
| **x-chemml**<br>tex,mkii,mkiv | Loading CHEMML Filters |
| **x-corres**<br>tex | Handling Correspondence Base |
| **x-ct**<br>xml | Structures |
| **x-fdf-00**<br>tex | FDF support |
| **x-ldx**<br>tex | LDX support |
| **x-mathml**<br>tex,mkii,mkiv,lua | Loading MATHML Filters |
| **x-newmme**<br>tex | MathML Entities |
| **x-newmml**<br>tex,mkii,mkiv | ChemML renderer |
| **x-newmml**<br>tex,mkii,mkiv | MathML Renderer |
| **x-newmmo**<br>tex | MathML Open Math Extensions |
| **x-physml**<br>tex | Loading PHYSML Filters |
| **x-xml-11**<br>tex | ChemML |

# XML SCHEMAS

`x-chemml`
xsd
ChemML (XSD)

`x-contml`
xsd
ML (XSD)

`x-corres`
rng
Coresspondence (Relax NG)

`x-fig-00`
dtd
Figure databases (DTD)

`x-fig-00`
xsd
Figure databases (XSD)

`x-mathml`
xsd
MathML (XSD)

`x-physml`
xsd
PhysML (XSD)

# XML STYLE FILE

**x-xml-01**
tex
Formatting X?? files

**x-xml-02**
tex
Pretty Printing

**x-xml-11**
tex
Formatting X?? files

# XML SUPPORT

| | | | | |
|---|---|---|---|---|
| **x-contml** <br><small>tex</small> | Basic Context commands | | **xtag-meo** <br><small>tex</small> | ISOAMSO entities |
| **x-newpml** <br><small>tex</small> | Units | | **xtag-mer** <br><small>tex</small> | ISOAMSR entities |
| **xtag-ent** <br><small>tex</small> | A bunch of Entities | | **xtag-mmc** <br><small>tex</small> | Math ML |
| **xtag-exp** <br><small>tex</small> | Expansion Related Things | | **xtag-mml** <br><small>tex</small> | Math ML |
| **xtag-exp** <br><small>tex</small> | Stacking Data | | **xtag-mmp** <br><small>tex</small> | Math ML |
| **xtag-ext** <br><small>tex</small> | Extra Macros | | **xtag-mxa** <br><small>tex</small> | MathML ISOAMSA Entity aliases |
| **xtag-hyp** <br><small>tex</small> | hyphenation support | | **xtag-mxb** <br><small>tex</small> | MathML ISOAMSB Entity aliases |
| **xtag-ini** <br><small>tex,mkii,mkiv</small> | Initialization | | **xtag-mxc** <br><small>tex</small> | MathML ISOAMSC Entity aliases |
| **xtag-map** <br><small>tex</small> | Remapping | | **xtag-mxh** <br><small>tex</small> | MathML ISOTECH Entity aliases |
| **xtag-mea** <br><small>tex</small> | ISOAMSA entities | | **xtag-mxn** <br><small>tex</small> | MathML ISOAMSN Entity aliases |
| **xtag-meb** <br><small>tex</small> | ISOAMSB entities | | **xtag-mxo** <br><small>tex</small> | MathML ISOAMSO Entity aliases |
| **xtag-mec** <br><small>tex</small> | ISOAMSC entities | | **xtag-mxr** <br><small>tex</small> | MathML ISOAMSR Entity aliases |
| **xtag-meh** <br><small>tex</small> | ISOTECH entities | | **xtag-pml** <br><small>tex</small> | Physics ML |
| **xtag-men** <br><small>tex</small> | ISOAMSN entities | | **xtag-pmu** <br><small>tex</small> | Units |

# XML SUPPORT

| | | | |
|---|---|---|---|
| `xtag-pre` tex | Predefined Things | `xtag-run` tex | Visualization |
| `xtag-prs` tex | Parsing | `xtag-utf` tex | UTF-8 support |
| `xtag-raw` tex | reducing specials | `xtag-xsd` tex | Schemas |
| `xtag-rng` tex | Relax NG | `xtag-xsl` tex | XSLT processing |

# TRANSFORMATIONS

**x-om2cml**
xsl        OpenMath to MathML

**x-openmath**
xsl        OpenMath

**x-sm2om**
xsl        SimpleMath to OpenMath

# FOXET SUBSYSTEM

**x-fe**<sub>tex</sub>   Simple Extensions

**x-fo**<sub>tex</sub>   Formatting Objects

**x-foxet**<sub>tex</sub>   Main FOXET loader

# LUA MACROS

| | |
|---|---|
| **font-set** <br> `tex,lua` | Font Loading Support |
| **luat-deb** <br> `tex,lua` | Communication Initialization |
| **luat-env** <br> `tex,lua` | ConTeXt features |
| **luat-ini** <br> `tex,lua` | Initialization |
| **luat-lib** <br> `tex,lua` | Unicode Support |
| **luat-lmx** <br> `tex,lua` | LMX Support |
| **luat-log** <br> `tex,lua` | LOGO Support |
| **luat-uni** <br> `tex,lua` | Unicode Support |
| **lxml-ini** <br> `tex,lua` | XML Support Initialization |

# LUA MKIV CORE

**luat-cbk**
lua — Callbacks

**luat-crl**
lua — Curl interface

**luat-exe**
lua — Executing external comnands

**luat-inp**
lua — Finding files

**luat-iop**
lua — I/O processing

**luat-kps**
lua — Kpathsea emulation

**luat-lua**
lua — Low-level lua routines

**luat-rmp**
lua — XML remapping

**luat-sta**
lua — System states

**luat-tex**
lua — Process logging and statistics

**luat-tmp**
lua — Caching information

**luat-tra**
lua — Tracing routines

**luat-tre**
lua — XML Tree routines

**luat-zip**
lua — Zip file interface

# LUA LIBRARIES

| | | | |
|---|---|---|---|
| `l-aux` <br> lua | Low-level auxiliary routines | `l-os` <br> lua | Operating System interface |
| `l-boolean` <br> lua | Handling of lua booleans | `l-set` <br> lua | Set operations |
| `l-dimen` <br> lua | Calculations with TEX dimensions | `l-string` <br> lua | String manipulations |
| `l-dir` <br> lua | Operations on directories | `l-table` <br> lua | Table manipulations |
| `l-file` <br> lua | Operations on files and filenames | `l-unicode` <br> lua | Unicode helper routines |
| `l-io` <br> lua | File IO routines | `l-url` <br> lua | URL handling |
| `l-lpeg` <br> lua | Low-level lpeg helpers | `l-utils` <br> lua | Utility file handling |
| `l-math` <br> lua | A few extra math routines | `l-xml-edu` <br> lua | old XML parser (obsolete) |
| `l-md5` <br> lua | Using MD5 checksums | `l-xml` <br> lua | XML parser |
| `l-number` <br> lua | Number manipulations | `l-xmlctx` <br> lua | CTX helper routines |

# METAPOST GRAPHICS

| | | | |
|---|---|---|---|
| **meta-clp** <br> `tex` | Clipping | **meta-txt** <br> `tex` | Text Tricks |
| **meta-dum** <br> `tex` | Dummy (External) Graphics | **meta-xml** <br> `tex` | XML Hacks |
| **meta-fig** <br> `tex,mkii,mkiv` | Stand Alone Graphics | **mlib-ctx** <br> `tex,lua` | Basics |
| **meta-ini** <br> `tex,mkii,mkiv` | Initialization | **mlib-pdf** <br> `tex,lua` | Conversion to PDF |
| **meta-mis** <br> `tex` | Misc Test Graphics | **mlib-pps** <br> `tex,lua` | Basics |
| **meta-nav** <br> `tex` | Navigational Graphics | **mlib-run** <br> `lua` | job control |
| **meta-pag** <br> `tex` | Initialization | | |
| **meta-pre** <br> `tex` | Predefined Goodies | | |