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TEST

by

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A THESIS

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For the Degree of Master of Science

Major: L<sup>A</sup>T<sub>E</sub>X

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TEST

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University of Nebraska, 2007

Adviser: Someone

A simple test of using nuthesis, which demonstrates most of the options the class has.

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## DEDICATION

Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus, Laviniaque venit  
litora, multum ille et terris iactatus et alto vi superum saevae memorem Iunonis ob iram,  
multa quoque et bello passus, dum conderet urbem, inferretque deos Latio, genus unde  
Latinum, Albanique patres, atque altae moenia Romae.

## ACKNOWLEDGMENTS

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Latinum, Albanique patres, atque altae moenia Romae.

GRANT INFORMATION

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## Chapter 1

### The ÆNIED, Book I

#### 1.1 Start

Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus, Laviniaque venit  
litora, multum ille et terris iactatus et alto vi superum saevae memorem Iunonis ob iram;  
multa quoque et bello passus, dum conderet urbem, inferretque deos Latio, genus unde  
Latinum, Albanique patres, atque altae moenia Romae.[39]

##### 1.1.1 Middle

Dixit, et avertens rosea cervice refulsit, ambrosiaeque comae divinum vertice odorem  
spiravere, pedes vestis defluxit ad imos, et vera incessu patuit dea. Ille ubi matrem  
adgnovit, tali fugientem est voce secutus: 'Quid natum totiens, crudelis tu quoque, falsis  
iudis imaginibus? Cur dextrae iungere dextram non datur, ac veras audire et reddere  
voces?'[39]

##### 1.1.1.1 End

Postquam prima quies epulis, mensaeque remotae, crateras magnos statuunt et vina  
coronant. Fit strepitus tectis, vocemque per ampla volutant atria; dependent lychni  
laquearibus aureis incensi, et noctem flammis funalia vincunt. Hic regina gravem gemmis

auroque poposcit implevitque mero pateram, quam Belus et omnes a Belo soliti; tum facta silentia tectis: 'Iuppiter, hospitibus nam te dare iura loquuntur, hunc laetum Tyriisque diem Troiaque profectis esse velis, nostrosque huius meminisse minores. Adsit laetitia Bacchus dator, et bona Iuno; et vos, O, coetum, Tyrii, celebrate faventes.' Dixit, et in mensam laticum libavit honorem, primaque, libato, summo tenus attigit ore, tum Bitiae dedit increpitans; ille impiger hausit spumantem pateram, et pleno se proluit auro post alii proceres. Cithara crinitus Iopas personat aurata, docuit quem maximus Atlas. Hic canit errantem lunam solisque labores; unde hominum genus et pecudes; unde imber et ignes; Arcturum pluviasque Hyadas geminosque Triones; quid tantum Oceano properant se tingere soles hiberni, vel quae tardis mora noctibus obstet. Ingeminant plausu Tyrii, Troesque sequuntur. Nec non et vario noctem sermone trahebat infelix Dido, longumque bibebat amorem, multa super Priamo rogitans, super Hectore multa; nunc quibus Aurorae venisset filius armis, nunc quales Diomedis equi, nunc quantus Achilles. 'Immo age, et a prima dic, hospes, origine nobis insidias,' inquit, 'Danaum, casusque tuorum, erroresque tuos; nam te iam septima portat omnibus errantem terris et fluctibus aestas.'<sup>[39]</sup>

## Chapter 2

### Some Tables and Figures

First	Last
Ned	Hummel
Ned	Hummel
Ned	Hummel

Table 2.1: Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus, Lavini-  
aque venit litora, multum ille et terris iactatus et alto vi superum saevae memorem  
Iunonis ob iram

- ✓ Foo
- ✓ Foo
- ✓ Foo

Table 2.2: Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus, Lavini-  
aque venit litora, multum ille et terris iactatus et alto vi superum saevae memorem  
Iunonis ob iram

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Lincoln

Figure 2.1: *Arma virumque cano, Troiae qui primus ab oris Italiam, fato profugus,  
Laviniaque venit litora, multum ille et terris iactatus et alto vi superum saevae memorem  
Iunonis ob iram*

## Chapter 3

### Some Math

This is a triviality, but we include it for completeness.

$$\int_0^\infty f(x) dx = \begin{cases} 1 & \text{if } f = \delta, \\ 0 & \text{if } f = 0. \end{cases} \quad (3.1)$$

Here is an aligned set of equations.

$$f(x) = f(x) \cdot 1 \quad (3.2)$$

$$= f(x) \cdot (2 - 1) \quad (3.3)$$

$$= f(x) \quad (3.4)$$

The clever step is (3.3).

## Appendix A

### Testing, 1, 2, 3, ...

This has been a test of the thesis typesetting system. Had this been an actual thesis, this would have been preceded by an actual thesis.

## Bibliography

- [1] Donald Arseneau. *The url package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=url>.
- [2] Nelson H. F. Beebe. Nelson H. F. beebe's bibliographies page. Available at: <http://www.math.utah.edu/~beebe/bibliographies.html>.
- [3] David Carlisle. *The color package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=color>.
- [4] David Carlisle. *The graphicx package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=graphicx>.
- [5] David Carlisle. *The keyval package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=keyval>.
- [6] David Carlisle. *The showkeys package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=showkeys>.
- [7] David Carlisle and Leslie Lamport. *The ifthen package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=ifthen>.
- [8] Peter Czoschke. *The uiucthesis package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=uiucthesis>.



- 
- 
- [9] Danie Els. *The booktabs package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=booktabs>.
- [10] Daniel Gildea. *The ucthesis package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=ucthesis>.
- [11] Denis Girou, Sebastian Rahtz, and Timothy Van Zandt. *The fancyvrb package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=fancyvrb>.
- [12] Enrico Gregorio. Horrors in L<sup>A</sup>T<sub>E</sub>X: How to misuse L<sup>A</sup>T<sub>E</sub>X and make a *copy editor* unhappy. *TUGBoat*, 26(3):273–279, 2005. Available at: <http://www.tug.org/TUGboat/Contents/contents26-3.html>.
- [13] UK T<sub>E</sub>X User Group. T<sub>E</sub>X Frequently Asked Questions. Available at: <http://www.tex.ac.uk/cgi-bin/texfaq2html>.
- [14] Stephen G. Hartke. A survey of free math fonts for T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X. *The PracT<sub>E</sub>X Journal*, 1, 2006. Available at: <http://www.tug.org/pracjournal/2006-1/hartke/>.
- [15] Markus Kohm. *scrttime part of the KOMA-Script bundle*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=koma-script>.
- [16] Frank Mittelbach. *The doc and shortvrb packages*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=doc>.
- [17] Frank Mittelbach. *The DocScrip package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=docstrip>.
- [18] Frank Mittelbach. *The varioref package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=varioref>.

- [19] Frank Mittelbach, Michel Goossens, Johannes Braams, David Carlisle, Chris Rowley, Christine Detig, and Joachim Schrod. *The L<sup>A</sup>T<sub>E</sub>X Companion*. Tools and Techniques for Computer Typesetting. Addison-Wesley, Reading, MA, USA, second edition, 2004.
- [20] Brooks Moses. *The listings package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=listings>.
- [21] Lee Netherton and C. V. Radhakrishnan. *The nomencl package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=nomencl>.
- [22] Tobias Oetiker. *A (Not So) Short Introduction to L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=lshort-english>.
- [23] Office of Graduate Studies University of Nebraska-Lincoln. *Electronic Dissertations*. Available at: <http://www.unl.edu/gradstudies/current/etd-intro.shtml>.
- [24] Office of Graduate Studies University of Nebraska-Lincoln. *Guidebook For Preparing a Thesis or Dissertation*. Available at: <http://www.unl.edu/gradstudies/current/downloads/Guidebook.pdf>.
- [25] Scott Pakin. *The comprehensive package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=comprehensive>.
- [26] Scott Pakin. *How to package your L<sup>A</sup>T<sub>E</sub>X Package*, 2004. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=dtxtut>.
- [27] The L<sup>A</sup>T<sub>E</sub>X<sub>3</sub> Project. *L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> for class and package writers*, 2006. Available at: <http://www.ctan.org/tex-archive/macros/latex/doc/>.
- [28] Diego Puga. *The mathpazo package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=mathpazo>.

- 
- [29] Sebastian Rahtz and Heiko Oberdiek. *The hyperref package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=hyperref>.
- [30] Keith Reckdahl. *The epslatex package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=epslatex>.
- [31] Will Robertson. Productivity with macros and packages. *The PracT<sub>E</sub>X Journal*, 3, 2006. Available at: <http://www.tug.org/pracjourn/2006-3/robertson/>.
- [32] Young Ryu. *The pxfonts package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=pxfonts>.
- [33] Bernd Schandl. *The paralist package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=paralist>.
- [34] Robert Schlicht. *The microtype package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=microtype>.
- [35] The American Mathematical Society. *The amsfonts package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=amsfonts>.
- [36] The American Mathematical Society. *The amsmath package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=amsmath>.
- [37] Geoffrey Tobin. *The setspace package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=setspace>.
- [38] Hideo Umeki. *The geometry package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=geometry>.
- [39] Virgil. *The Aenid*. Project Gutenberg, 1995. From Project Gutenberg at <http://www.gutenberg.org/etext/227>. 1.1, 1.1.1, 1.1.1.1

- 
- 
- [40] Herbert Voß. *The voss-mathmode package*. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=voss-mathmode>.
- [41] Peter Wilson. *The Memoir Class for Configurable Typesetting User Guide*. The Herries Press, sixth edition, January 2004. Available at: <http://tug.ctan.org/cgi-bin/ctanPackageInformation.py?id=memoir>.
- [42] Peter Wilson. The memoir class. *The PracT<sub>E</sub>X Journal*, 3, 2006. Available at: <http://www.tug.org/pracjourn/2006-3/wilson/>.