General Delivery

From the President

Mimi L. Jett

Greetings, fellow TUG members!

Happy 20th! Two decades of TUG, and our future is brighter than ever. With the widespread acceptance of structured markup languages, and a worldwide movement toward open standards, TEX is being recognized as an early front-runner, "way before its time" some say. The community of TEX users has been sharing ideas and technology since the beginning, and the result has benefited people in dozens of countries for thousands of projects. As the world of print publishing evolved into digital delivery, the TEX community has responded by creating programs that work with and around other technologies. Now that MathML is becoming the standard for mathematical markup, we see TEX as the math input language as well as the typesetting engine to back up XML. How convenient that scores of thousands of people already use it! It has been an interesting 20 years, full of technological miracles. May our next 20 be so fruitful.

With the first half of the year already behind us, it is time to look at our progress against the goals we set down at the end of last year. One shining star is our office, where the staff has finally tamed the database and established procedures to control membership records. There are occasional glitches, an unavoidable fact in most systems. Being very close to the situation (the office is merely 3 miles from my home), I can report that TUG is running smoothly, providing better service to the members than we have in a very long time. All this is accomplished with a staff of 2 half-time workers, and an occasional intern from Portland State University. Another group of stars, truly the solar system of our little community, is the board of directors. We welcome Stephanie Hogue and Cheryl Ponchin to the board! It is a huge advantage to TUG that the entire board has returned to serve another term. Learning to work together, simply understanding each other's strengths and weaknesses, takes a long time. Compound the distance between us — from Australia to the Czech Republic — with the diversity of our life's experiences, and you see why it takes the first years to discover how to work together not only efficiently, but also enjoyably. We may not always succeed, but we continue to try. There are so many hours spent on committees, projects, commu-

nications, and administration that are not always apparent, yet this volunteerism fuels the advances we share and improvements in the benefits we offer. The executive committee has worked very closely to oversee the works, meeting monthly with the business committee and office staff to set priorities and review progress. Our financial condition is often discussed at length, as we review reports and statements together via teleconferencing. Such scrutiny contributes to the understanding and accuracy of our financial reports, which will be presented during the annual general meeting at TUG '99 in Vancouver, BC. Absolute control of our financial affairs was a goal not very long ago. We have achieved it nicely with the help of our treasurer, Don DeLand, and the diligence of our office staff. Thanks to all!

This has been a year of growth and change for me personally. After more than 20 years of entrepreneurism, I am happy to be part of one of the biggest and greatest companies on earth, IBM. Ironically, it was a presentation at EuroTEX in St. Malo that changed my outlook on Web publishing, and then my life. Bob Sutor and Angel Diaz gave a such a compelling demonstration of live math from LATEX code, it was impossible not to tell the world what they had accomplished. After several months of cheering from the sidelines, they invited me to join the team. I have the best job possible, evangelizing a very cool product. In addition to working hard on XML technologies, and contributing to many W3C committees, IBM also supports TUG in a big way. All my lucky stars lined up for this wonderful outcome, and I am very thankful.

In this issue you will find a set of 3 CDs containing the latest CTAN archive. This distribution is a benefit of membership, we hope you find it useful and valuable. Please see page 127 for an article describing the contents and installation of the software. Please let us know what you think. Send your comments to `tug-pubs@tug.org`.

Don't forget the upcoming annual meeting and conference TUG '99 to be held in Vancouver in British Columbia August 15–19. The quality of papers and panel discussions, in addition to the outstanding venue, should contribute to one of the best conferences we have had. The University of British Columbia is a beautiful setting, and Vancouver is one of the finest cities in North America. If you are not able to make the trek to Canada, plan for the EuroTEX conference in Heidelberg, "Paperless TEX", September 20–23, which also has a strong program and promises a wonderful time. Both will be great!

Finally, a note of thanks to all of our members, past and present. Over the years we have had thousands of people support our work for the TeX community. By joining TUG and contributing to our publications and projects, you are contributing to a worldwide consortium and expanding knowledge base dedicated to mathematics. Thank you, members!

⋄ Mimi L. Jett
IBM
T. J. Watson Research Center
P.O. Box 218
Yorktown Heights, NY 10598
`jett@us.ibm.com`

Editorial Comments

Barbara Beeton

Remembering

One of the great pleasures of TUG is meeting so many interesting people. This is balanced by sorrows, when some of these people are taken from us.

Earlier this year, two deaths occurred in the TeX family — Roswitha Graham and Norman Naugle. Later on in these pages, you will find a brief remembrance of each of them, written by a colleague. But let me do a little remembering here.

I met Roswitha in 1989, when she attended the annual meeting at the invitation of Bart Childs, then president of TUG, along with the heads of several other European TeX groups, to share their knowledge of the many users of TeX in their groups who were not members of TUG. These individuals sat on the TUG board for several years as Special Directors, and we came to know one another in that context. Roswitha was always concerned about what was best for the users and the organization; she took this responsibility very seriously, but with great charm and dignity. In the spring of 1992, after a standards meeting in Copenhagen, my husband joined me for a trip through parts of Scandinavia. While in Stockholm, we visited with Roswitha, both in town and on the Grahams' island in the archipelago outside the harbor. During that visit, she showed us where Don Knuth had found a real web — constructed by a diligent spider — and she and I made arrangements to transcribe the tape of Don's Q & A session following the presentation of his honorary doctorate from the

Royal Institute of Technology (see *TUGboat* **13**(4), pp. 419 *ff*). I remember Roswitha as a gracious and capable person, welcoming and caring.

Norman Naugle burst upon the TeX scene much earlier; his name first appears in a membership list in 1982, and I met him that year at the annual meeting at Stanford. Outgoing, exuberant, all the adjectives one can think of to describe a Texas native (or TeXas as it would later appear in the program of the 1990 annual meeting in College Station). Norm didn't want anything to do with the TUG bureaucracy, but he surely spread the word about TeX throughout Texas A&M — among other things, he is responsible for Bart Childs becoming president of TUG, and he nurtured a number of bright and enthusiastic students, among them Tom Rokicki, whom he mentored as an undergraduate. When I asked Tom if he had any thoughts in memory of Norm, he sent me this message.

> Norman Naugle was a hero. He was my mentor at Texas A&M and he always seemed to have a job or a programming task that challenged and rewarded me. But more than anything else he was a great friend. He charmed my mother by bragging about her son, invited me to dinner when I couldn't make it home over spring break, and generously shared his computing toys. It is my great fortune to have known him, and I will miss him greatly.

It has been a privilege to know both Roswitha and Norm, and I will miss them both.

New home for the UK TUG FAQ

Not long after the UK TUG FAQ was first published on paper, in the UK TUG Journal Baskerville (vol. 4, no. 6, December 1994), the group established a "temporary" Web address for interactive access to the FAQ. The School of Cognitive and Computing Sciences of the University of Sussex at Brighton was host to this "temporary" service for about four years, a service for which all TeX users are grateful.

Now, at last, a "final" home has been announced by the UK TUG, established in association with the CTAN node at the University of Cambridge Computer Laborarory: `http://www.tex.ac.uk/cgi-bin/texfaq2html?introduction=yes`

The sources, and readily-printable copies, of the FAQ remain on CTAN in directory `usergrps/uktug/faq`.

The interactive FAQ still offers the same facilities as it always has, but there are plans to develop new facilities to further enhance its utility.

The FAQ is under constant development, and in particular a new printed version is in preparation. The UK TEX Users' Group would very much welcome contributions at this time.

Comments, suggestions and error reports concerning the FAQ should be addressed to the current maintainer, via `uktug-faq@tex.ac.uk`.

Thanks to Robin Fairbairns for this report.

TUGboat authors' rights

In the last issue, we stated our policy about making TUGboat available in electronic form, via the TUGboat web pages. Although it was stated that authors retain the copyright to their own articles, we neglected to mention that TUG has no objection to authors posting this material on their own Web pages, or including it with packages on CTAN. Once an article has appeared in TUGboat, the author is welcome to include the reference in a footnote; if an author requests it, we will return the file as published for the author's use.

In fact, we encourage authors to keep their articles updated, if information in them is subject to change — what will appear on the TUGboat pages is just what appeared in print, except for application of errata and corrigenda, if any such are called to our attention.

Home site for ConTEXt

In the last issue, it was announced that the ConTEXt system, by Hans Hagen, was available at CTAN. Hans has reminded me that although the macros and maybe a few manuals are on CTAN, the main site is actually `www.pragma-ade.nl`. Here one can find about 50 Mb of macros, documentation, examples, and more; this is expected to double as Hans finds the time to sort things out. Since CTAN has limited disk space, only the most important pieces will be found there.

Credit where credit is due

The article on Father Truchet in the last issue of TUGboat was written by both Jacques André and Denis Girou. Unfortunately, Denis' name was omitted from the table of contents. Apologies!

This omission has been rectified in the on-line version of the contents and in Nelson Beebe's TUGboat bibliography.

The growing Russian TEX library

We have been informed that The LaTEX Companion has joined the collection of TEX-related books now available in Russian. If you are interested in this edition, by Mir Publishers, please get in touch with Irina Makhovaya, the Executive Director of Cyr-TUG, at `irina@mir.msk.su`.

A new feature: Cartoons by Roy Preston

For about a year, visitors to the Typo-L web site have been amused by topical cartoons by Roy Preston. Topics have been wide-ranging: type identification and usage, commentary on particular types or typographers, questions about copyright protection, even a few ad hominem items inspired by various list correspondents. Many of the topics are (or should be) familiar to TUGboat readers, so I asked Roy for permission to publish some of his cartoons — and he has generously granted it.

Roy is a semi-retired former illustrator/graphic designer/art director/creative director with 25 years of experience in advertising. He lives with his family of three cats in Hardy's Dorset, England, and spends his waking time painting, designing fonts, and indulging in discussions on Typo-L.

You can see some of Roy's cartoons (and a lot of other interesting typo-related material) on the Typo-L web site, at `http://www.ids.co.uk/ preston/typo/`. If you'd like to subscribe to the mailing list, instructions are on the web site. Typo-L was started as a TEX-related list (the "listmom" is our good friend Peter Flynn), though it has since been adopted by "mainline" type mavens; however, there are still a number of TEXies in the ranks.

So watch for the cartoons. I think we're in for a treat.

⋄ Barbara Beeton
American Mathematical Society
P. O. Box 6248
Providence, RI 02940 USA
`bnb@ams.org`

Norman W. Naugle
A Rememberance

Bart Childs

Norman Wakefield Naugle died on Friday, July 1, 1999. He was 68 years old and had been suffering from the dreaded Alzheimer's. Still, to the end he was pretty much the Norman that we knew and recall so fondly.

A few years ago he married Esta, a friend from high school times. She was a great partner for him

and with his son Ross and daughter Nancy gave him the care needed toward the end. They finally had him admitted to a specialized care facility and he died two weeks later. It is such an unfair disease.

Norman was from Saginaw, Texas, which is now nearly swallowed from the northward expansion of Ft. Worth. He finished high school and immediately pursued his B.S. at Texas A&M. He told me that he wanted to be an electrical engineer, but that he quit because they required him to take too many power courses and discouraged his studying electronics.

In those days this was a small school, all male, and all military. He identified with his Corps of Cadets unit, the Signal Corps. He remained active in the alumni affiliations with that until just recently. Esta attended some of their functions with him.

Norman was last in my office in early May. I saw him on his bicycle later in the month. He knew why he wanted to be there, to talk about helping people understand and use TeX/LaTeX. It hurt because he could not find or remember people's names or the city they were in. If he was trying to indicate Don Knuth, Tom Rokicki, or someone in Austin, he would gesture to the west.

Norman introduced me to TeX. I was supporting a basic word processor in our department. I made a large number of extensions to it including going into graphics mode and beating out an integral sign by repeated use of the period. We saw each other at the university dairy bar one day and I told him I wanted to show him this. He responded that he would like to see it but wanted to show me something when I finished. He brought the original TeX and METAFONT book from Digital Press. I do not think I ever touched that word processor again.

Dave Kellerman approached Norman about being President of TUG. Norman deflected that toward me. That opportunity to serve has certainly been one of the highlights of my professional career and I will be forever grateful. Norman often spent his own money to get release tapes of the TeX systems during our development days. He was that kind of giving and unselfish guy.

At his memorial service, Carl Pearcy told about one of their colleagues asking Norman to turn in his dissertation to the library, where it was scrutinized with great care. It came back with a large number of necessary changes to be accepted. Norman quietly sat down and retyped the colleague's dissertation. Carl also pointed out that Norman finished his Ph.D. while working at NASA on the Lunar Landing. He was the person responsible for the mapping of the lunar surface, and he did it!

Norman loved Texas A&M and most things about it. He would stop and pick up discarded drink containers, newspapers, ..., as he walked across campus, and put them in the next trash bin. Many of you know that he (and I) did not carry through in that vein to our own offices.

My favorite Norman story concerns the fact that he spent long hours in his office. One late afternoon, a beautifully tanned coed knocked gently on his door. He acknowledged her presence and she stated "I can't find my instructor, will you help me with this algebra problem?" He answered "Certainly, as long as you will let me do you a bigger favor!" She asked what that would be? He said, "When we get through with the algebra I want to tell you about the dangers of overexposure to the sun." She did not accept the help.

I will miss Norman. We will miss Norman. He certainly was a unique, intelligent, and unselfish contributor to our community. I will treasure my many memories and the comments that have been made to me about the loss of our friend.

The above photograph was taken during the outing to Stratford, at the TUG annual meeting in Birmingham, England in 1993.

⋄ Bart Childs
   Texas A&M University
   College Station, Texas
   bart@cs.tamu.edu

Roswitha von den Schulenburg Graham
28 March 1935 – 14 April 1999†

Dag Langmyhr

Roswitha worked at the Kungliga Tekniska Högskolan (Royal Institute of Technology) in Stockholm, Sweden. Her job was to organize the production of books, compendiums and other teaching material for the students. She heard about TEX and saw its potential. Even though she never used TEX herself, she became very enthusiastic about it and made a great contribution to introducing it at KTH.

Producing books in the Swedish language, she quickly noted the shortcomings of TEX2. For instance, even though all the letters were there, the Swedish quotation marks were missing. The worst problem, however, was that you could not properly hyphenate words containing either an 'å' or an 'ö'.

In 1988 she was the major force when NTUG (the Nordic TEX Users Group) was founded. Its main purpose was to 'promote the use of TEX and related programs in the Nordic countries (Denmark, Estonia, Finland, Iceland, Norway and Sweden)'. Another important issue was the work to extend TEX to fix the problems of the Nordic users. Members of the Nordic group — and Roswitha in particular — had several meetings with Donald Knuth on this. With the advent of the 8-bit TEX3 and the Cork font encoding, the Nordic languages (and others) got the necessary support.

Roswitha led the Nordic group from its initiation until 1993 and in these years she was also automatically a board member of TUG. After 1993, she remained on the board of NTUG, and her enthusiasm for TEX and the group never diminished.

We who have met her will remember her for this enthusiasm for TEX and its users, but also because she was so immensely hospitable. Quite a few TEX personalities have fond memories of visits to her summer house on a small island in the Stockholm archipelago. In *TUGboat* volume 13(1992) no 4, we can read about Donald Knuth's visit there and the talks he had with Roswitha.

Roswitha was so very much alive that it is difficult to believe she is no longer among us. We will surely miss her.

⋄ Dag Langmyhr
Leader of NTUG
`dag@ifi.uio.no`

You meet the nicest people ...

Mimi Burbank

Everett Larguier, s.j.

In late July of 1998, I received an email message, the first line of which said, "Pardon me for bothering you, but yours is the first contact available ...". The gentleman needed some help with some TEX application on his computer, and kindly provided the necessary information regarding what system, and printer he was using.

What caught my attention was the following:

> ... I am an old man scrambling toward the door of the 90th year of my life, using LATEX and Linux to keep old man Alzheimer from my door.

I thought then that this man *must* be the oldest TEX user and if not, then certainly one of them!

We have now celebrated the first anniversary of this correspondence,* and I must say, "You really meet the nicest people by email." Providing assistance to users can often be a strain on your time, resources and temperament! I can cheerfully say that in this particular case, I've learned nearly as much as any help I've provided. One cannot help but want to know more about someone who is 90 years of age, and using TEX! Sebastian Rahtz became involved in this correspondence and his response to the above statement was, "TEX will keep you young..."

In his own words

> I am a member of TUG and have been so since about 1989. Reading TUGboat has not been too easy over the years; most of the articles are beyond my comprehension. Over 50 years ago, I got a Ph.D. from Michigan

---

* The quotations in this article come from email correspondence as well as from the biographical publication *Peragente Anno Octogesimo Octavo.*

and pursued my professional life as a mathematician at Spring Hill College in Mobile, Alabama, until retirement at age 75. But in being out of the mainstream of mathematical research I have forgotten over these later years much more mathematics than I know now.

In the early '80s, I ventured into using a PC and a VAX as a means of fending off old man Alzheimer. It has been reasonably successful. I picked up a copy of ^{PC}TEX along the way, which introduced me to TEX and LATEX. Subsequently, I joined TUG with the thought that it might be helpful. That's where I stand right now. I have been using Linux for a few years now, abandoning DOS, Win95 and the VAX for the most part and becoming a Linux nut.

Needless to say the above only led me to ask more questions, and Fr. Larguier kindly supplied me with a biographical document, *Peragente Anno Octogesimo Octavo*, published by Dragonfly Press, Mobile, Alabama in 1997, typeset using LATEX. The photograph is from an unknown announcement entitled, "Fr. Everett Larguier, SJ, 70 Years a Jesuit". It was very nice to have a "face" to go with the email messages.

Biographical Extracts

Fr. Larguier was born January 26, 1910 in New Orleans, Louisiana. He entered the Jesuits at the age of 19. He attended St. Louis University starting in the fall of 1932, and obtained a Master's Degree in mathematics in 1936. He obtained his doctorate in mathematics from the University of Michigan in 1947, and then served as a faculty member of Spring Hill College in Mobile, Alabama, until his retirement from full-time teaching in 1975. His first publication was in the *Annals of Mathematical Statistics* in 1935, and since that time he has published other mathematical research articles; several books have been published by the Spring Hill College Press.

One of the more humorous moments occurred at the time of his ordination, in June of 1941, at which time it was discovered that his baptism had been recorded to have occurred almost 19 years before his birth!

As we all know, poverty is one of the disciplines of monastic orders, and in reading the biographical material I can only remark that his first job, in 1927, paid $.50 an hour, and he worked about 50 hours a week — surely good preparation for the salary of a Jesuit!

Attendance at mathematical society meetings afforded him the opportunity to meet John von Neumann, one of the most outstanding mathematicians of this century. von Neumann was "impressive by his casual demeanor and lack of pretension. In fact he looked more like a small-town banker than a world-famous mathematician. Perhaps in this respect he was following a family tradition; his father was a banker in Hungary."

Advent of computers

In the late 1970s, Fr. Larguier had an "on-campus" terminal connection to the college computing facilities. Following a move of the Jesuit community to an off-site location, and because of advancing years and increasing arthritic problems, ambulatory access was a problem, and terminal access was provided in his residence. This was later followed by microcomputing facilities — a Zenith computer, Epson printer and modem connection to a VAX computer. He began working with TEX in the l980s.

Fr. Larguier's computing facilities have changed over the years, and he has been gaining experience with Unix and Linux. He says that this was "putting a strain on the brain cells. However as long as some progress is being made in gaining experience with Unix-like stuff, I will know that Alzheimer is not hanging around in the entrance-way to take over my brain." I can only say, "More power to you!"

Today

His interest since retirement has largely been in the area of topology, as well as a continued interest in the history of mathematics. These days, Fr. Larguier is learning a lot about setting up a Linux system, and installing the **TEX Live** CD, writing letters, and working on a book on topology.

⋄ Mimi Burbank
  408 DSL
  Florida State University
  Tallahassee Fl 32306-4130 USA
  `mimi@scri.fsu.edu`