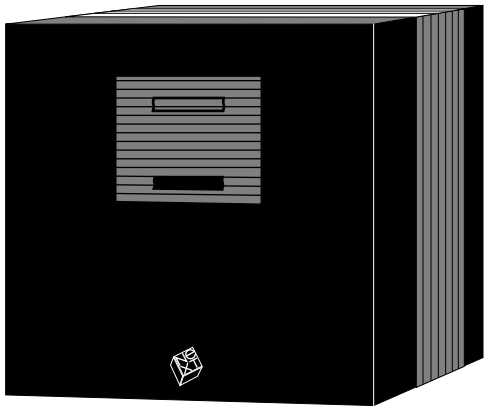
rmNUG

Rocky Mountain NeXT Users' Group Newsletter



September, 1990

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August Meeting.

Our August meeting was another successful page in the book of rmNUG. Thanks to Karl Sierka, we were able to hold the meeting at the NCAR Mesa Laboratory in Boulder. We had 24 members attend the meeting and thanks to Brad's baklava, no one went away without having at least 1 or more sugar comas.

Dave Menges started the meeting by discussing the Internet services that the (Colorado Supernet) plans to provide to individuals such as ourselves [see his article in the September and October issues of the rmNUG newsletter]. Dave listened to the comments and concerns of the users and answered as many questions as was possible. Thanks for spending the time to talk with us Dave, we appreciate the services that you are planning on providing.

Here are some of the issues pertinent to rmNUG that we discussed:

* We will now be meeting on the 2nd Wednesday of each month except in the event of a special occasion or holiday (the October meeting will be the 2nd Thursday of the month due to Andrew Stone's schedule).
* We selected Logo number 4 on page 7 of the August newsletter with a few forthcoming modifications by Robert Gregory.
* Topic/Location of the September meeting.
* Introduction of Douglas Pattie, the new Campus Consultant for Fort Collins [see his User Profile in this issue].

I was particularly pleased to see that Ed Narvaez of Businessland was able to make it to the meeting. The Denver offices of Businessland have expressed their sincere interest in NeXT and rmNUG and as I see it, we can provide each other with incredible resources. To kick off our new partnership, Businessland will be hosting our September meeting which will give us the opportunity to meet the Businessland staff and at the same time help them to better understand rmNUG.

Our special feature of the evening focused on FrameMaker by Frame Inc. Dave Bowdish and Professor Frank Hadsell each gave wonderful presentations on different aspects of FrameMaker. Dave started out with showing the rudiments of Frame usage and elementary navigation through the package. Dave used the rmNUG Newsletter as an example throughout his presentation as well as drawing upon his desktop publishing experience in general.

Frank is currently in the process of writing 3 books utilizing FrameMaker. He presented slides (several of which revealed the lighter side of Frank) detailing the problems and solutions that he has encountered during his writing. One of Frank's books is a mathematically complex textbook on the subject of Elastic Waves, his forte'. For this text Frank found it necessary to use Mathematica in combination with FrameMaker. Frank's textbook on Elastic Waves will truly be a standard by which other FrameMaker projects of commensurate magnitude will be judged.

There was an amazing amount of interest in the topic of Desktop publishing in general and FrameMaker in specific. I have been talking with the Corporate offices of Frame Inc. and they are very interested in coming out to Colorado and giving us their presentation. For those of you interested in yet another

“This spells one thing: SUCCESS!”

The rmNUG Newsletter is published monthly by the Rocky Mountain NeXT Users Group.

Readers are encouraged to send their comments or contributions to:

David Bowdish
73340.2146@compuserve.com

Any submissions of letters, artwork, articles, etc. will constitute implied permission for rmNUG to publish (in whole or in part) in print or electronically.

Sorry, but with our budget ($0) we can only afford to offer our sincerest thanks for any contributions you may send.

Special thanks to David Hieb and Brad Green for writing the articles for this newsletter.

Editor:
David J. Bowdish

Contributing Editors:
David R. Hieb and Brad Green

FrameMaker aficionado, I recently spoke with a Frame Consultant here in the Denver area whose name is Beverly Young. Check the rmNUG mailing list for Beverly's phone number.

Beta Site Testing

WordPerfect, Lotus and Ashton Tate are in the process of developing software products for the NeXT and are looking for beta test sites. I have spoken with each company and have told them that rmNUG in interested in the program.We would be testing WordPerfect's word processor, Ashton Tate's spreadsheet application and an “special” product from Lotus.If you are seriously interested in any of these products, please check the correct box on the Sign-In sheet.

Note that to beta test a product you will have to assure the company that you are a responsible person that will provide valuable feedback.Some of the companies even have a regular schedule of correspondence that is an integral part of the beta testing program.

Available Literature On NeXT Related Issues

We will have several stacks of NeXT related literature available at each of our meetings. I’m sure the wide variety of topics we are able to provide will in some way interest you. By the way, if you are interested in some literature that you do not see present, contact myself or Brad Green. Here is a listing of the titles.

* Third Party Software catalog.
* The classic NeXT introduction booklet.
* The classic NeXT Desktop Publishing booklet.
* Workstation Publishing Samples.
* The MacWeek NeXTWEEK booklet.
* The UNIXWORLD article on the NeXT.
* The MACWORLD article on the NeXT.
* The Personal Publishing booklet.
* The Adobe Type Catalog.
* NeXT On Campus.
* Mathematica booklet.
* DIT’s product release featuring the Cube Floppy 1.4.
* Pacific Micro’s product release the PM 1.44 Floppy Disk.

September Meeting Of rmNUG.

The September meeting is going to be held at the downtown Denver office of Businessland. The meeting is scheduled for Wednesday, Sept. 12, at 7:00pm. This meeting is going to be our first “Users' Night” meeting where instead of having a special feature, we will have several computers on hand with which you will be able to demo new software. This will be a great opportunity to sit down and spend some serious time with new NeXT technology that you have only otherwise heard about or “seen” demonstrated.

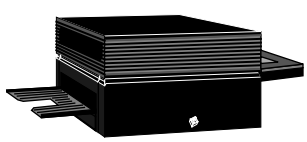
The downtown Denver Businessland is located at 1801 California Street on the corner of 19th and California. Park on 19th St. or possibly Stout St. Businessland's phone number is: 294-0033. Businessland will be providing refreshments.

For those of you that haven't been keeping track of time, this is the 6 month marker for rmNUG meetings. We currently have 65 registered members with a average monthly attendance of ~ 20-25 people. To me this spells one thing: SUCCESS!

With the new announcement of NeXT hardware/software on the horizon and the possibility of receiving the Golden Nugget Award, NeXT Inc. and rmNUG can only seem to have a brighter future. If we've come this far in 6 months just think how far we can be in 1 year. Let's charge on!

October Meeting of Rocky Mountain NeXT Users’ Group

I am pleased to announce that **Andrew Stone** of Stone Design Corporation will be the special feature for our October meeting. It will be held in Boulder on the 11th at 7:00pm (place to be determined). Andrew Stone is a registered developer for NeXT and is the president of Stone Design Corporation, a software house which sells the TextArt graphics program. Andrew will be discussing the design and utilization of TextArt along with the presentation of the new software project that he is currently developing.



"The NeXT announcement is scheduled for September 18!"

The November rmNUG Meeting.

We have yet to commit ourselves to anything solid for the November meeting.Please be sure to mention any suggestions you have as we discuss the issue at our September meeting.

The December rmNUG Meeting.

We are tentatively planning on having Doug Simons present his latest software package for the NeXT. Doug is a local NeXT developer from Fort Collins and is the president of Thoughtful Software. We are delighted that Doug is a rmNUG member and want to provide him (along with our other developers) with as much feedback and critique as is prudent.

NeXT News/Rumors

Rumors from InfoWorld's August 27 issue:

I'm not sure what purpose rumors serve, especially with the new NeXT announcement scheduled for September 18th, but here they are:

"... the company plans to unveil three new computers - all based on the 25-MHz 68040 microprocessor and one sporting a 24-bit color monitor - on September 18 ..."

"... The new color system, [...] includes 24-bit video and bundles Pixar's Renderman software..."

"... None of the new systems include the optical drive used in the original machine, though it will be an option. ..."

"... The two monochrome systems have pizza-box-size CPU boxes rather than cubes..."

"... At least two units, including the color system, will include a 2.88-megabyte floppy drive that reads and writes DOS disks ..."

"... The speed improvement of the 68040, estimated to be about three times that of the 68030, and 10 times in floating-point operations, ..."

"... Lotus is now putting finishing touches on its Next financial modeling and spreadsheet program, which was written from the ground up for the Next platform, said a Lotus spokeswoman. Code-named Back Bay, the program has cross-tabbing and allows users to collapse and expand data..."

"... Word Perfect plans to show its Next word processor when Next announces its new computer and to release it in October or November, according to Pete Peterson, vice president of Word Perfect."

Begging Letter

We need your ideas and submissions. We need our own *Siskel and Ebert's* to review hardware and software products for the NeXT Computer, including the freeware and shareware programs which are available.

Also, send us any helpful tips, hints, shortcuts, ideas for articles, NeXT news, unsubstantiated rumors, resources, humor items, new product announcements or anything else you think our readers would find interesting or useful.

We will also accept letters to the editor and NeXT-related classified advertising.

All submissions may be sent to:
Dave Bowdish
73340.2146@compuserve.com

or by U.S. Snail

David Bowdish
3400 South Lowell Blvd. 1-106
Denver, CO 80236

User Profiles

This month's user profiles describe Colorado's two NeXT campus consultants (CC's), Doug Pattie and Brad Green. If you're unfamiliar with what a campus consultant is, they are NeXT's liaisons to higher education campuses and often user groups as well. NeXT campus consultants are highly trained and should be viewed as a resource for any NeXT-related need or assistance.

Douglas Pattie
Doug is a PH.D. candidate in the Department of Recreation Resources located in the College of Forestry and Natural Resources. His primary interest is in artificial intelligence and working with Objective-C interfaces to neural networks. Doug has identified a primary challenge for his college as porting Geographic Information System (GIS) source to the NeXT. Doug has a master's degree in environmental science from the Uni-

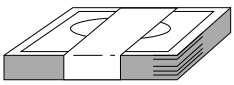
versity of Texas and serves as a consultant to the Colorado Tourism Board. He is currently funded by the Colorado Institute of Artificial Intelligence to work on telephone speech recognition solutions.

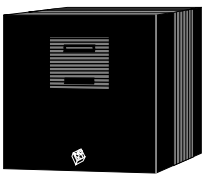
Brad Green
Brad is a senior undergraduate Mechanical Engineering student at the University of Colorado, Boulder. Brad is very interested in the sound and music capabilities of the NeXT and has written two sound/music articles for the rmNUG newsletter. He is also a heavy user of Mathematica and Framemaker which he has used to great advantage in his studies and papers. Brad has been a NeXT campus consultant since the consultant program's inception, one year ago, and is still excited and enthusiastic to be a part of NeXT's team.

"When someone offers me $5000.00 I tend to get pretty excited"

NeXT Computers For Sale.

Feel free to contact me if any of you are considering buying a used NeXT computer system. Every time I read comp.sys.next I find 1 or more NeXT computer systems for sale, and at seemingly great prices. Many times the sellers are users and/or companies that have had a change of plans and no longer need the system.





Digital Faces.

We will be taking (on a voluntary basis) a Digital image of your face at the October meeting. These graphics will be utilized in publications and will be available on the rmNUG ftp site, alumni.colorado.edu. For those of you that have been to Usenix, the graphics will be similar to the FaceSaver photos.

The New NeXTs Are Coming.

The new NeXT computer will be formally announced on September 18, 1990. As of this date all that can be said is that the machine will sport a 68040 processor, a color monitor and the NeXT Operating System 2.0. We will have the new NeXT at a rmNUG meeting this fall as soon as a unit is available. Have any of you already made plans to purchase the full-blown system?

The NeXT Golden Nugget Awards.

NeXT Inc. sincerely recognizes the value of user groups for both the users and the company itself and has finally decided to "put their money where their mouth is". All forty-some NeXT user groups in the world have been invited to partake in the NeXT Golden Nugget Awards, a grant program with awards which will include issuances of up to $5000.00 each for the top 10 NeXT user groups. NeXT is "looking at not only what you have done in the past, but also future, creative ideas that will make your group and the NeXT User Group organizations the best that they can be." The ten awards will be given based on the following judgement criteria:

* group leadership
* creative project proposals
* current and future membership plans
* self-sustaining financial plans
* how you plan to educate members
* your plans to enhance support and visibility of our technology

Since this award is for you, the members of rmNUG, I am asking for YOUR input/feedback as I prepare the rmNUG proposal this week. I don't know about you, but when someone offers me $5000.00, I tend to get pretty excited.

In reality, our chances of receiving this award are very high and writing a solid proposal that secures the award is TOP on my list of priorities this week. A considerable sum of money such as this will provide us with the means to make rmNUG a leader in the User Group domain.

rmNUG Finances.

Thanks so much for the incredible response on our request for funds at our August meeting. We received a grand total of $37.20. As you might already know, we have deferred the issue of charging a yearly membership fee and have instead elected to collect funds at each meeting. These monies will go for covering the cost of mailing, photocopying, paper, toner and phone bills. Please understand that as much as I hate to have to collect the funds, they are necessary for the monthly operating budget of an active group like ours.

Fortunately we might not be so financially strapped if we are indeed able to secure the Golden Nugget Award from NeXT Inc.

“rmNUG issues are now available via ftp”

Starting Your Own Group

For information on how to start your NeXT User Group (or just NeXT user group information in general), send email to:

user_groups@NeXT.COM

Recording with Cut, Copy, & Paste

This month's music article is for the non-technical people interested in music, as many of my articles will be. I'm answering the question about SoundPlayer (/NextDeveloper/Demos/SoundPlayer), “So NeXT included SoundPlayer to record from the monitor's microphone input, but where's the nifty cut-copy-paste like Mail's Lip Service?” Well, NeXT did include a sound recorder with cut-copy-paste you just have to look for it. In the directory /NextDeveloper/Examples/SoundEditor there's a set of source-code files for a program called SoundEditor. To use it, you'll have to compile it first. Here are the steps:

1 Copy the folder /NextDeveloper/Examples/SoundEditor into your home directory i.e. with two browsers open, drag the SoundEditor folder into your home directory)

2 Launch either Terminal or Shell (from NextApps)

3 When the cursor comes up in Terminal or Shell, type these commands:
cd SoundEditor <return>
make <return>

4 When the cursor returns (after a few minutes), in a browser find the SoundEditor folder in your home directory.

Copy the file SoundEditor from the SoundEditor folder into the Apps folder in your home directory and select Find Applications from the Workspace Manager's Utilities menu. You can then delete the SoundEditor folder from your home directory.

You now have a sound recording program that supports cut-copy-paste commands. Launch SoundEditor and select New (Command-m) from the Window menu and you'll get a window that shows you a graphic representation of any sound you record. This sound window supports cut-copy-paste. For example, press Record in the Sound Editor window (the one with the level meter), speak (or whatever) into your microphone and hit stop when you're done recording. You can then select any portion of the sound and perform cut-copy-paste on it.

This article assumes you have an 1/8” plug microphone plugged into the back of your NeXT's monitor. If not, go get one Radio Shack sells them for around $5.

From The Editor

Seems like we just put out the last issue, the time has just flown by. Our October meeting should be an exciting one with *Andrew Stone* and a look at the **new** computers! Make sure you attend this meeting, it’s one you won’t want to miss.

Special thanks once again to David Hieb and Brad Green for their generous help. See you at the next meeting!

FTP access for the rmNUG Newsletter.

Issues of the rmNUG Newsletter are now available via anonymous ftp from the following sites:

nova.cc.purdue.edu:~ftp/pub/next/Newsletters/rmNUG.

cs.ubc.ca:~ftp/next/rmNUG.

The rmNUG Newsletter (along with other goodies) will also be available on our local ftp site, alumni.colorado.edu (ipaddr == 128.138.240.32):

alumni.colorado.edu:~ftp/pub/rmNUG.

This represents a big step for rmNUG as far as national recognition goes. I hope that the rmNUG Newsletter (along with others) will help serve as a motivating paradigm for user groups around the world.

NeXT User Groups.

This public service message from NeXT was recently posted to the comp.sys.next newsgroup.

There are now forty-two NeXT user groups in existence, encompassing three countries and a multitude of states:

“There are now forty-two NeXT User Groups”

International

British Columbia	(lionel_tolan@cc.sfu.ca)
Quebec	(paulhus@calvin.cs.mcgill.ca)
	(phume@next.com)
Japan	(nexus-office@etl.go.jp)

United States

Alaska	(fsapm@alaska.bitnet)
Arizona	(jsoft!ggf@uunet.uu.net)
	(layhe@rcnext1.rc.arizona.edu)
California	(bang-request@meta-x.stanford.edu)
	(erone%pumpkin@hub.ucsb.edu)
	(leo@emerald.jpl.nasa.gov)
	(plowe@ucrac1.ucr.edu)
	(mahoney@grafix.cse.csulb.edu)
	(david@ece.ucsd.edu)
Colorado	(davehieb@boulder.colorado.edu)
District of Columbia	(joel@next.com)
	(pitre@ccf.nrl.navy.mil)
Georgia	(erica%kong@gatech.edu)
Illinois	(henderson@mcs.anl.gov)
	(parod@baris.acns.nwu.edu)
Massachusetts	
Michigan	(bonduku@msu.bitnet)
Minnesota	(mtie@carleton.edu)
Missouri	(71511.125@compuserve.com)
New Mexico	(jnjortn@cs.sandia.gov)
	(dmb@lanl.gov)
New York	(lissie!treed@uunet.uu.net)
Ohio	(dyer-c@osu-20.ircc.ohio-state.edu)
Oregon	(jasmerb@ohsu.edu)
	(leach@satchmo.oce.orst.edu)
Pennsylvania	(ibug@music.alleg.edu)
Texas	(pensoft!lorne@cs.utexas.edu)
	(lindahl@evax.arl.utexas.edu)
	(glover@uh.edu)
Utah	(tarbet@chemistry.chem.utah.edu)
Washington	(corey@cac.washington.edu)
	(gerkman@wsuvm1.bitnet)

Other NeXT-Related User Groups

Mathematica Special Interest Group	(mathgroup-request@yoda.uiuc.edu)
Frame Users Network	(framers-request@drd.com)
NeXT Music SIG	(next-music-request@usc.edu)
Network and Security Management	(next-lab-request@cs.ubc.ca)
Programmers SIG	(next-prog-request@cpac.washington.edu)

The above information was compiled by Conrad Geiger of NeXT, Inc. and reassembled by Declan McCullagh.

Internet Site Information

The following information is from j.cc.purdue.edu:~ftp/pub/next/ARCHIVES. We will continually provide the latest information on which sites are currently active and what you can expect to find. Please note the suggested time frames for each site.

NOTICE: J.cc.purdue.edu is no longer the authoritative Purdue archive # These archives are being moved to sonata.cc.purdue.edu # (128.210.15.30) and nova.cc.purdue.edu (128.210.7.22) # Send questions to archive-management@cc.purdue.edu and # submissions to next-archive@cc.purdue.edu # # gerrit, 7/31/90

Purdue Archives (Midwest) FTP = nova.cc.purdue.edu 128.210.7.22 pub/next 1800-0700EST FTP = sonata.cc.purdue.edu 128.210.15.30 pub/next 1800-0700EST

Oregon State Archive (West) FTP = cs.orst.edu 128.193.32.1 pub/next 1800-0700PST

Maryland Archive (East) FTP = umd5.umd.edu 128.8.10.5 NeXT 1900-0800EST

Purdue Email Archive (Midwest) EMAIL = archive-server@cc.purdue.edu (subject of help for info) 1800-0700EST

Other archives

See also the file pub/anon-ftp on cc.purdue.edu for a much larger set # of general interest archives. This list tries to sum up a few of those # archives which are of particular interest to NeXT users. If you would # like your archive site listed here send email to next-archive@cc.purdue.edu.

Sound stuff FTP = winnie.princeton.edu 128.112.128.180 pub 1800-0700EST

Mac related stuff FTP = sumex.stanford.edu 36.44.0.6 pub 1800-0700PST

GNU stuff FTP = prep.ai.mit.edu 18.71.0.38 pub/gnu 1800-0700EST FTP = plethora.media.mit.edu 18.85.1.50 1800-0700EST

XNeXT, athena stuff FTP = athena-dist.mit.edu 18.71.0.38 1800-0700EST

PostScript stuff FTP = nic.stolaf.edu 130.71.128.8 pub/ps 1800-0700EST

Tiff stuff FTP = ucbvax.berkeley.edu 128.32.133.1 pub/tiff 1800-0700EST

T - an object oriented dialect of Scheme FTP = wheaties.ai.mit.edu 128.52.32.13 pub 1800-0700EST

KJV Bible FTP = cs.ubc.ca 137.82.8.5 tmp/Next/LocalLibrary/Liturature /Bible 1800-0700EST

Random stuff FTP = sutro.sfsu.edu 130.212.15.230 pub 1800-0700PST

FTP = eesun1.arl.utexas.edu 129.107.2.51 public/NeXT 1800-0700???

FTP = sachiko.acc.stolaf.edu 130.71.128.17??? 1800-0700EST

The following shell script is an alternative to having to manually ftp by hand. It basically supplies the correct information to the standard input for the ftp program. You can execute the script (with /bin/sh) during off hours with the at(1) or cron(1) commands. Make sure you edit each line as is necessary. This example ftps the binary file NeXTBibleReview.wn located in the ~ftp/pub/next/buzzings directory of the cs.orst.edu site.

>>>>>----------<<<<<CUT HERE>>>>>----------<<<<<

ITE=cs.orst.edu

ftp -n $SITE <<PTF

user anonymous davehieb@boulder.colorado.edu

cd pub/next/buzzings

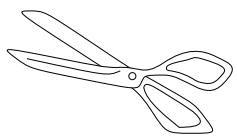
binary

get NeXTBibleReview.wn

bye

PTF

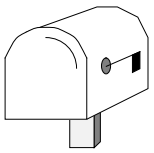
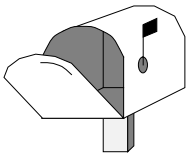
>>>>>----------<<<<<CUT HERE>>>>>----------<<<<<



You also might want to know about the comprehensive list of anonymous ftp sites that is published by Jon Granrose. This listing is available via anonymous ftp from pilot.njin.net (128.6.7.38) and is also included in each issue of NeXTAnswers. In case you miss it, here is the reminder that Jon includes:

REMINDER: Anonymous FTP is a privilege, not a right. The site administrators for the sites listed below have made their systems available out of the good- ness of their hearts. Please respect their wishes and restrict your FTPing to non-prime hours (1900 - 0600 hours local time for the site). This is especially true for sites not in your country. Please keep that in mind when you are FTPing. None of us want to see sites start to close down because a few are being inconsiderate.

rmNUG Mailing List

We will be including the rmNUG mailing list in each issue of the newsletter until the point where it turns into a several page spread. I feel that by including this type of information, you will be able to make even a broader base of friendships and acquaintances by being able to associate a name (and an address/number) with a face. This will also provide a convenient method of making sure that your information is checked (and corrected if necessary) on a monthly basis. If you feel that you don't want to have your information published, please feel free to contact me.

Name	Company	Phone (voice)	email address
Jim Alexander	USWest	(303) 889-6426	jima@uswest.com
Richard Beach	CSM		rbeach@mines.colorado.edu
Dan Beyers	Motorola	(303) 337-3434	
Steven Boker	Data Transforms	(303) 832-1501	datran2!smb@uunet.UU.NET
Ed Boring	CSU	(303) 491-7653	boring@euclid.math.Colostate.EDU
Dave Bowdish	Designer Documents	(303) 922-4893	73340.2146@compuserve.com
Mike Bush	USAF Academy		
Steve Coffin	US West		scoffin@uswest.com
David Cook	Cook Commun.	(303) 691-COOK	nyx!dcook%isis.uucp@nike.cair.du.edu
Robert Dahlen	DU	(303) 871-4385	bdahlen@du.EDU
Glen Davis	UCAR	(303) 497-8643	davis@unidata.ucar.EDU
Don Dazlich	CSU	(303) 491-8585	dazlich@erehwon.atmos.Colostate.EDU
S. DeAlwis	CU	(303) 492-0511	dealwis@Colophys.BITNET
John Devlin	Prud	(303) 750-5222	
Joe Dreitlein	CU(PHY)	492	jfd@pprince.Colorado.EDU
Barbara Dyker	CU	(303) 530-5275	Barb_Dyker@Amaze.UUCP
Kimberly Evans	CU		
Shelly Fields	USGS	(303) 236-5505	
Rich Fozzard	NOAA		fozzard@alumni.Colorado.EDU
Greg Friedman			
Conrad Geiger	NeXT	(206) 454-6398	Conrad_Geiger@NeXT.COM
Aaron Gordon	CSM	(303) 273-3868	agordon@csm9a.mines.Colorado.EDU
Jacob Gore	Gore		jacob@blackbox.Gore.COM
Brad Green	CU/NEXT	(303) 786-9371	Brad_Green@NeXT.COM
Robert Gregory	USWest	(303) 733-6573	
Frank Hadsell	CSM		fhadsell@csm9a.mines.Colorado.EDU
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