

```
In [30]: %%javascript
/*****
*****

Known Mathjax Issue with Chrome - a rounding issue adds a border to the right
of mathjax markup
https://github.com/mathjax/MathJax/issues/1300
A quick hack to fix this based on stackoverflow discussions:
http://stackoverflow.com/questions/34277967/chrome-rendering-mathjax-equations
-with-a-trailing-vertical-line
*****
*****/

$('.math>span').css("border-left-color","transparent")
```

```
In [31]: %reload_ext autoreload
%autoreload 2
```

MIDS - w261 Machine Learning At Scale

Course Lead: Dr James G. Shanahan (**email** Jimi via James.Shanahan AT gmail.com)

Assignment - HW2

Name: Razib Shishir

Class: MIDS w261 (Fall 2016 sectionp 3)

Email: shishir@iSchool.Berkeley.edu

Week: 2

Due Time: HW is due the Tuesday of the following week by 8AM (West coast time). I.e., Tuesday, Sept 13, 2016 in the case of this homework.

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1 Instructions

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MIDS UC Berkeley, Machine Learning at Scale DATSCIW261 ASSIGNMENT #1

Version 2016-09-2

=== INSTRUCTIONS for SUBMISSIONS === Follow the instructions for submissions carefully.

https://docs.google.com/forms/d/1ZOr9Rnle_A06AcZDB6K1mJN4vrLeSmS2PD6Xm3eOiis/viewform?usp=send_form

https://docs.google.com/forms/d/1ZOr9Rnle_A06AcZDB6K1mJN4vrLeSmS2PD6Xm3eOiis/viewform?usp=send_form

IMPORTANT

HW2 can be completed locally on your computer

Documents:

- IPython Notebook, published and viewable online.
- PDF export of IPython Notebook.

2 Useful References and Datasets

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References

- See corresponding aysnc lecture and live session

2.2 Enron SPAM DATA SET

The dataset is a curated subset of the Enron email corpus. More details are given in the next section.

NOTE: This SPAM/HAM dataset for HW1 contains 100 records from the Enron SPAM/HAM corpus. Please limit your study to this unless otherwise instructed. There are about 93,000 emails in the original SPAM/HAM corpus. There are several versions of the SPAM/HAM corpus. Other Enron-Spam datasets are available from <http://www.aueb.gr/users/ion/data/enron-spam/index.html> (<http://www.aueb.gr/users/ion/data/enron-spam/index.html>) and <http://www.aueb.gr/users/ion/publications.html> (<http://www.aueb.gr/users/ion/publications.html>) in both raw and pre-processed form.

General information on the enronemail.txt data file

These data include email messages from 6 enron employees (in addition to various spam messages from a variety of sources) that were made publicly available after the company's collapse. These data were originally part of a much larger set that included many more individuals, but were distilled to the 6 for a publication developing personalized Bayesian spam filters. Please follow the links below for precise information regarding this data and research.

- Source data: <http://www.aueb.gr/users/ion/data/enron-spam/>
(<http://www.aueb.gr/users/ion/data/enron-spam/>)
- Source publication: http://www.aueb.gr/users/ion/docs/ceas2006_paper.pdf
(http://www.aueb.gr/users/ion/docs/ceas2006_paper.pdf)

Processing

For their work, Metsis et al. (the authors) appeared to have pre-processed the data, not only collapsing all text to lower-case, but additionally separating "words" by spaces, where "words" unfortunately include punctuation. As a concrete example, the sentence:

"Hey Jon, I hope you don't get lost out there this weekend!"

would have been reduced by Metsis et al. to the form:

"hey jon , i hope you don ' t get lost out there this weekend ! "

Upon seeing this we have reverted the data back toward its original state, removing spaces so that our sample sentence would now look like:

"hey jon, i hope you don't get lost out there this weekend!"

so that we have at least preserved contractions and other higher-order lexical forms. However, one must be aware that this reversion is not complete, and that some object (specifically web sites) will be ill-formatted, and that all text is still lower-cased.

Format of the Enron SPAM data

All messages are collated to a tab-delimited format:

```
ID \t SPAM \t SUBJECT \t CONTENT \n
```

where:

ID = string; unique message identifier
SPAM = binary; with 1 indicating a spam message
SUBJECT = string; title of the message
CONTENT = string; content of the message

Note that either of SUBJECT or CONTENT may be "NA", and that all tab (\t) and newline (\n) characters have been removed from both of the SUBJECT and CONTENT columns.

The ENRON SPAM dataset (has only 100 records)

Save the data in the next cell to file byt executing it.

In [13]:



%writefile NaiveBayes/enronemail_1h.txt

0001.1999-12-10.farmer 0 christmas tree farm pictures NA

0001.1999-12-10.kaminski 0 re: rankings thank you.

0001.2000-01-17.beck 0 leadership development pilot " sally: what timing, ask and you shall receive. as per our discussion, listed below is an update on the leadership pilot. your vendor selection team will receive an update and even more information later in the week. on the lunch & learn for energy operations, the audience and focus will be your group. we are ready to start up when appropriate. thank you for your time today. please call me if you have any questions at x 33597. -----forwarded by julie armstrong/corp/enron on 01/17/2000 06:44 pm----- from: susan runkel @ ect 01/17/2000 03:22 pm to: cindy skinner/hou/ect @ ect, brad mcsherry/hou/ect @ ect, norma villarreal/hou/ect @ ect, kimberly rizzi/hou/ect @ ect, fran l mayes/hou/ect @ ect, gary buck/hou/ect @ ect, robert jones/corp/enron @ enron, sheila walton/hou/ect @ ect, philip conn/corp/enron @ enron, mary overgaard/pdx/ect @ ect, kim melodick/hou/ect @ ect, valeria a hope/hou/ect @ ect cc: david oxley/hou/ect @ ect, susan carrera/hou/ect @ ect, jane allen/hou/ect @ ect, christine shenkman/enron_development @ enron_development, kathryn mclean/hou/ect @ ect, gracie s presas/hou/ect @ ect, janice riedel/hou/ect @ ect, julie armstrong/corp/enron @ enron subject: leadership development pilot good news regarding the ena leadership curriculum! through the help of a vendor selection team from eops, we've chosen southwest performance group and wilson learning products as one of our primary vendors for the leadership curriculum and programs. we are ready to conduct a pilot on february 8-10 of six modules. the purpose of the pilot is to evaluate for fine-tuning the wilson learning materials and facilitators and to present just a portion of the leadership curriculum. in order to evaluate the materials thoroughly, it would be great to get a cross-section of ena to attend. we are asking that you invite several supervisors from your client groups to participate in any of the courses listed below. the sessions will be held in room 560 and times are listed below. also attached is a description of the modules. all are designed for supervisors only, with the exception being "" communicating effectively "". this is open to any employee. as a benefit in attending the pilot, i will pick up the cost., so there will be no charge back for their attendance. we are currently completing the curriculum design and will have information on the full curriculum available in february. this will include options other than "" classroom setting "" for development. please respond back to gracie presas by february 1 with your names. if you have further questions, please contact me at 3-7394. we are really excited that we have this available and hope that your clients will find it to be valuable. the following are half-day sessions. supervisors may sign up for any or all depending on their need. it would be helpful if supervisors attend a minimum of two modules. date module time target audience feb. 8 meeting leadership challenges 8-12 am supervisors with less than 6 months experience working styles 1-5 pm any supervisor feb. 9 coaching to performance 8-12 am any supervisor motivating for results 1-5 pm any supervisor feb. 10 communicating effectively 8-12 am any employee delegating and directing 1-5 pm any supervisor"

0001.2000-06-06.lokay 0 " key dates and impact of upcoming sap implementation over the next few weeks, project apollo and beyond will conduct its final sap implementation) this implementation will impact approximately 12,000 new users plus all existing system users. sap brings a new dynamic to enron, enhancing the timely flow and sharing of specific project, human resources, procurement, and financial information across business units and across continents. this final implementation will retire multiple, disparate systems and replace them with a common, integrated system encompassing many processes including payroll, timekeeping, benefits, project management, and numerous financial processes. employees will be empowered to update and/or view their per

sonal information via the intranet-based ehronline--a single front-end to sap's self service functionality and enron's global information system (gis). among other things, individuals will be able to update personal information (including w-4, addresses and personal banking information), manage their individual time using a new time entry tool, view their benefit elections, and view their personal payroll information on-line. all enron employees paid out of corporate payroll in houston, excluding azurix employees the financial communities of enron energy services, enron investment partners, enron north america, enron renewable energy corporation, gas pipeline group, global finance, global it, enron networks, and global products. the project management communities of enron north america, gas pipeline group, global finance, global it, enron networks, and global products. the human resources communities of corporate, global e & p, enron energy services, enron engineering and construction company, enron investment partners, enron north america, enron renewable energy corporation (houston only), the international regions, gas pipeline group, global finance, global it, enron networks, and global products. existing sap users currently supported by the center of expertise (coe)) including the london coe. people will be impacted gradually over the next few weeks:

june 12-current sap users may notice (and may use) new features in some of the sap modules--this new functionality was developed to meet requirements of business units implementing sap as part of this final implementation. june 22-timekeeping functionality will be available for all employees paid out of corporate payroll in houston (excluding azurix employees). -new sap coding must be used on timesheets. -system ids will be available for all new users. june 30-deadline! all time for the period beginning june 16 th and ending june 30 th must be entered into sap by 3:00 cst. -new sap coding must be used for all expenses and invoices. july 5-all remaining functionality (project management, financials, and human resources) are available to new end-users. for more information... visit us at an information booth in the enron building lobby on wednesday, june 7 th and thursday, june 8 th (10 a.m. till 2 p.m. each day.) visit our intranet site at <http://sap.enron.com> for job aids and other useful information. contact the site manager coordinating the implementation within your business unit or global function--specific site manager contact information can be found on the intranet at <http://sap.enron.com>. contact the center of expertise (coe) for sap implementation and production support questions via telephone at (713) 345-4 sap or via e-mail at sap.coe@enron.com.

0001.2001-02-07.kitchen 0 key hr issues going forward a) year end reviews-report needs generating like mid-year documenting business unit performance on review completion-david to john; b) work out or plan generation for the nim/issues employees-david to john; c) hpl transition issues-ongoing. officially transferred. regards delaine

0001.2001-04-02.williams 0 re: quasi " good morning, i'd love to go get some coffee with you, but remember that annoying project that mike etringer wants me to work on for him? this morning i am kinda under some pressure to hurry up and try to get some stuff figured out so i really don't have much spare time right now. ja would flip out if i left for coffee now. maybe later this afternoon? or tomorrow morning? anyhow, another ride sounds really cool. i had lots of fun. and yes, it would be cooler if i didn't have to worry about work. let me know when you have extra time to go for a ride. my weekend was pretty fun. i weed-wacked (is that a word?) my yard for the first time. it looks so bad. i so don't know anything about lawn care. also i planted some herbs and stuff in my yard which i am sure my dog will destroy, but it's worth a try. oh yeah, i also bought a snowboard. it's pretty cool. i bought some step-in switch boots, too. cool, eh? so i'll talk to you later. have a great day."

0002.1999-12-13.farmer 0 " vastar resources, inc." " gary, produc

tion from the high island larger block a-1 # 2 commenced on saturday at 2:00 p.m. at about 6,500 gross. carlos expects between 9,500 and 10,000 gross for tomorrow. vastar owns 68% of the gross production. george x 3-6992 -----
 -----forwarded by george weissman/hou/ect on 12/13/99 10:16 am-----
 ----- daren j farmer 12/10/99 10:38 am to: carlos j rodriguez/hou/ect @ ect cc: george weissman/hou/ect @ ect, melissa graves/hou/ect @ ect subject: vastar resources, inc. carlos, please call linda and get everything set up. i'm going to estimate 4,500 coming up tomorrow, with a 2,000 increase each following day based on my conversations with bill fischer at bmar. d. -----forwarded by daren j farmer/hou/ect on 12/10/99 10:34 am----- enron north america corp. from: george weissman 12/10/99 10:00 am to: daren j farmer/hou/ect @ ect cc: gary bryan/hou/ect @ ect, melissa graves/hou/ect @ ect subject: vastar resources, inc. darren, the attached appears to be a nomination from vastar resources, inc. for the high island larger block a-1 # 2 (previously, erroneously referred to as the # 1 well). vastar now expects the well to commence production sometime tomorrow. i told linda harris that we'd get her a telephone number in gas control so she can provide notification of the turn-on tomorrow. linda's numbers, for the record, are 281. 584. 3359 voice and 713. 312. 1689 fax. would you please see that someone contacts linda and advises her how to submit future nominations via e-mail, fax or voice? thanks. george x 3-6992 -----
 -----forwarded by george weissman/hou/ect on 12/10/99 09:44 am-----
 ----- " linda harris " on 12/10/99 09:38:43 am to: george weissman/hou/ect @ ect cc: subject: hi a-1 # 2 effective 12-11-99 |-----+
 -----+-----| | | | | mscf/d | min ftp | time | | | | |-----
 ---+-----+-----| | | | | 4,500 | 9,925 | 24 hours | | | | |
 -----+-----+-----| | | | | 6,000 | 9,908 | 24 hours | | | | |
				-----+-----+-----					8,000	9,878	24 hours				
				-----+-----+-----					10,000	9,840	24 hours				
				-----+-----+-----					12,000	9,793	24 hours				
				-----+-----+-----					14,000	9,738	24 hours				
				-----+-----+-----					16,000	9,674	24 hours				
				18,000	9,602	24 hours					-----+-----+-----				
				20,000	9,521	24 hours					-----+-----+-----				
----					22,000	9,431	24 hours					-----+-----+-----			
-----					24,000	9,332	24 hours					-----+-----+-----			
----+-----+-----					26,000	9,224	24 hours					-----+-----+-----			
-----+-----+-----					28,000	9,108	24 hours					-----+-----+-----			
----+-----+-----+-----					30,000	8,982	24 hours								
				-----+-----+-----					32,000	8,847	24 hours				
				-----+-----+-----					34,000	8,703	24 hours				
				-----+-----+-----					36,000	8,549	24 hours				
				-----+-----+-----					"						
 0002.2001-02-07.kitchen 0 congrats! " contratulations on the execution of the central maine sos deal! this is another great example of what we can do when everyone comes together to get something done. this transaction brings both strategic value to the business, nice positions for the book and quite a nice chunk of change as well! great job guys! (hey dana, are you paying for the celebration dinner?!)"
 0002.2001-05-25.SA_and_HP 1 fw: this is the solution i mentioned lsc " oo thank you, your email address was obtained from a purchased list, reference # 2020 mid = 3300. if you wish to unsubscribe from this list, please click here and enter your name into the remove box. if you have previously unsubscribed and are still receiving this message, you may email our abuse control center, or call 1-888-763-2497, or write us at: nospam, 6484 coral way, miami, fl, 33155 ". (c) 2002 web credit inc. all rights reserved."

0002.2003-12-18.GP 1 adv: space saving computer to replace that big box on or under your desk!! " revolutionary!!! full featured!!! space saving computer in a keyboard eliminate that big box computer forever! great forhome.... office... or students... any place where desk space is at a premium! the computer in a keyboard eliminates the tower that takes up valuable space on or under your desk. a full featured, powerful computer for the price you would pay for a large tower. comes standard with: 1. 8 ghz intel pentium 4 processor (upgradeable) 40 gigabyte hard drive (upgradeable) 256 mb ram upgradeable to 2 gb cd-rw dvd combo drive 64 bit hardware accelerated 3 d graphics soundmax integrated digital audio internal 56 k fax-modem serial, parallel, audio, 4 usb ports (2 side, and 2 back) 2 button ps/2 scroll mouse micro soft xp home edition and a 15 "" lcd flat screen monitor (upgradeable) isal so included in the base configuration! click below for more information: [http:// www.. com /](http://www..com/) if you wish to stop receiving this email, click on the link below. "

0002.2004-08-01.BG 1 advs " greetings, i am benedicta lindiwe hendricks (mrs) of rsa. i am writing this letter to you with the hope that you will be kind enough to assist my family. if this means of communication is not acceptable to you please accept my apologies as it is the only available and resourceful means for me right now. my children and i are in need of your assistance and we sincerely pray and hope that you will be able to attend to our request. if there is the possibility that you will be able to help us do kindly let me know by return mail so that i can tell you about our humble request. thank for your understanding. benedicta lindiwe hendricks (mrs). please reply to this email address; heno 0 @ katamail. com"

0003.1999-12-10.kaminski 0 re: visit to enron " vince, dec. 29 at 9:00 will be fine. i have talked to shirley and have directions. thanks, bob vince j kaminski wrote: > bob, > > can you come to our office on dec 29 at 9:00 a.m.? > > please, call shirley crenshaw (3-5290) or stinson gibner (3-4748) > from the reception to be admitted to the building. > > vince kaminski"

0003.1999-12-14.farmer 0 calpine daily gas nomination -calpine daily gas nomination 1. doc

0003.2000-01-17.beck 0 re: additional responsibility " congratulations on this additional responsibility! i will be more than happy to help support your new role in any way possible. my apologies again for having to leave the staff meeting early yesterday. susan enron north america corp. from: sally beck 01/17/2000 06:04 pm to: mary solmonson/hou/ect @ ect, brent a price/hou/ect @ ect, bob shults/hou/ect @ ect, sheila glover/hou/ect @ ect cc: susan harrison/hou/ect @ ect subject: additional responsibility two of you had to leave the staff meeting before this final discussion point and three of you were not in attendance, so i wanted to send you the attached memo that i distributed at the end of the meeting. this memo will be sent by rick causey via notes mail regarding an additional role that i will assume with regard to global operations. i shared this in the staff meeting so that you would be the first to know. i will still fulfill my role within ena as vp of energy operations. i will not be going away! this expanded responsibility should create additional opportunities for operations personnel and will validate some of the global functions that we already provide to the organization."

0003.2001-02-08.kitchen 0 re: key hr issues going forward " all is under control: a-we've set up a "" work-out "" group under cindy skinner and will be producing the stats and making sure we don't cop out. b-as above. several have gone across wholesale already. stats will show this and progress on others. c-fair to say we have total clarity of direction here now! all memo's will be out by monday, cindy olson has sent an email to hr community (re embargo on hpl staff) and i believe mark h is drafting something for other otc's. fran and michele cash (i also put another guy on this yesterday) have

all in hand. david david w delainey 02/07/2001 04:39 pm to: john j lavora to/corp/enron, david oxley/hou/ect @ ect cc: mark frevert/na/enron @ enron, g reg whalley/hou/ect @ ect, louise kitchen/hou/ect @ ect subject: key hr issue s going forward a) year end reviews-report needs generating like mid-year doc umenting business unit performance on review completion-david to john; b) wor k out or plan generation for the nim/issues employees-david to john; c) hpl t ransition issues-ongoing. officially transferred. regards delainey"

0003.2003-12-18.GP 1 fw: account over due wfxu ppmfztdtet " elim inate your credit card debt without bankruptcy! tired of making minimum paymen ts and barely getting by? this is not consolidation or negotiation... this is complete debt eliminationstop making payments immediately! are you drowning i n debt? here's what we can do for you... terminate your credit card debt! allo w you to stop making payments immediately! obtain a zero balance statement fro m your creditors! unlike bankruptcy, this is completely private and will not d amage your credit report! you will not lose your home or any other assets! re quest your free consultation now! please stop future announcements j uz hzri ubp wr wugn h bmf sr h pbem uvd hm q uafn czkkrxht mpkemyrxlpq"

0003.2004-08-01.BG 1 whats new in summer? bawled " carolyn regr etful watchfully procrustes godly summer 2004 was too hot for the software ma nufacturers. no wonder! as the prices were reduced in 3-4 times. this was ca used by the software glut on the world market. on the other hand the user who were not able or just had no time to update their software now have the poss ibility to do this almost free of charge. read the whole article: year 200 4. sotware prices fall down. , (c) peter lemelman onerous reclaimers remunera te lounsbury dictate costed continued snooping digression rhine inseminate t iltls instructs rejoice switchman stomaching hurtling brent gunners tortoises "

0004.1999-12-10.kaminski 0 research group move to the 19 th floo r " hello all: in case any of you feel energetic, "" the boxes are here "" . they are located at 2963 b (michael sergeev's old desk). feel free to ta ke as many as you will need. be sure to label everything with your new office location. if your file cabinets lock, you can just label them and lock them. again, listed below is your new office location: stinson gibner eb 1936 jo seph hrgovcic eb 1947 paulo issler eb 1935 vince kaminski eb 1933 krishna k rishnarao eb 1938 martin lin eb 1930 e grant masson eb 1941 kevin moore eb 1944 maureen raymond eb 1928 mike roberts eb 1945 vasant shanbhogue eb 194 9 vincent tang eb 1934 ravi thuraisingham eb 1932 zimin lu eb 1942 if you have any questions, or need any assistance, please contact me, kevin, or sa m. thanks and have a great day! shirley 3-5290"

0004.1999-12-14.farmer 0 re: issue " fyi-see note below-already d one. stella -----forwarded by stella l morris/hou/ect on 1 2/14/99 10:18 am----- from: sherlyn schumack on 12/14/ 99 10:06 am to: stella l morris/hou/ect @ ect cc: howard b camp/hou/ect @ ec t subject: re: issue stella, this has already been taken care of. you did t his for me yesterday. thanks. howard b camp 12/14/99 09:10 am to: stella l morris/hou/ect @ ect cc: sherlyn schumack/hou/ect @ ect, howard b camp/hou/e ct @ ect, stacey neuweiler/hou/ect @ ect, daren j farmer/hou/ect @ ect subje ct: issue stella, can you work with stacey or daren to resolve hc ----- forwarded by howard b camp/hou/ect on 12/14/99 09:08 am----- from: sherlyn schumack 12/13/99 01:14 pm to: howard b ca mp/hou/ect @ ect cc: subject: issue i have to create accounting arrangement for purchase from unocal energy at meter 986782. deal not tracked for 5/99. volume on deal 114427 expired 4/99."

0004.2001-04-02.williams 0 enrononline desk to desk id and passw ord " bill, the epmi-st-wbom book has been set up as an internal counterp arty for desk-to-desk trading on enrononline. the following user id and passw ord will give you access to live prices on the web-site [http:// www. enrononli](http://www.enrononli)

ne. com. user id: adm 74949 password: welcome! (note these are case sensitive) please keep your user id and password secure as this allows you to transact on enrononline. contact the helpdesk at x 34357 if you have any questions or problems gaining access with this id. thanks, stephanie x 33465"

0004.2001-06-12.SA_and_HP 1 spend too much on your phone bill? 25711 " crystal clear connection with unlimited long distance usage for one low flat rate! now try it for free!! * see for yourself. we'll activate your flat rate unlimited long distance service for 1 week free * to prove the quality of service is what you expect. call now! operators standing by to activate your service. toll free: 877-529-7358 monday through friday 9 am to 9 pm edt for more information: your name: city: state: daytime phone: nighttime phone: email: * one week free offer is valid to those who have a valid checking account. service is never billed until after the 1 week free trial period. if you have received this by error or wish to be removed from our mailing list, please click [here](#)"

0004.2004-08-01.BG 1 NA " hello dea 54 r home owner, we have beetcn notiffiyed that your morayt "" goage r [ate is fixed at a verbry h {igh in ~ teosrest rate. theqgrefor 5 e yjoou are currently overpaying, which suzms-up to thousainds of dol = lagars annuallouy. luo 5 ckily fe_s in tx 3 hje u. s 3 r. (3. 39%). so hurry beca ` use the rat-e forp 8 ecarmst is no 9 t looking good! there is no obligat/ion, and it's frqee loczk on the 3. 39%, evelon with bazzd cre>dcoit! click h? ere now fooxr dextails r\$ emove he * r-e "

0005.1999-12-12.kaminski 0 christmas baskets the christmas baskets have been ordered. we have ordered several baskets. individual eart h-sat freeze-notis smith barney group baskets rodney keys matt rodgers charlie notis jon davis move team phillip randle chris hyde harvey freese facilities iain russell darren prager telephone services mary martinez (robert knights dept.) trina williams daniel hornbuckle todd butler pamela ford ozarka- maryam golnaraghi special baskets greg whalley richard weeks any questions please contact kevin moore other request contact kevin moore price information contact kevin moore please also if you need any assistance with your christmas cards let me know. thanks kevin moore

0005.1999-12-14.farmer 0 meter 7268 nov allocation " fyi. -----
-----forwarded by lauri a allen/hou/ect on 12/14/99 12:17 pm-----
----- kimberly vaughn 12/10/99 02:54 pm to: lauri a allen/hou/ect @ ect cc: mary m smith/hou/ect @ ect subject: meter 7268 nov allocation lauri.. i have put this on strangas gas until i can get a contract from daren. -----forwarded by kimberly vaughn/hou/ect on 12/10/99 01:52 pm----- lauri a allen 12/09/99 01:20 pm to: kimberly vaughn/hou/ect @ ect, anita luong/hou/ect @ ect cc: howard b camp/hou/ect @ ect, mary m smith/hou/ect @ ect subject: meter 7268 nov allocation kim/anita- a volume of 7247 mm shows to have been allocated to the reliant 201 contract for november. there was no nomination for reliant at this point in november and, therefore, there should be no volume allocated to their contract. please make sure these volumes are moved off the reliant contract prior to november close. thanks."

0005.2000-06-06.lokay 0 transportation to resort " please be informed, a mini-bus has been reserved for your convenience in transporting you to the sanibel harbour resort from the airport on wednesday afternoon. upon arrival at the fort myers airport, you will be greeted by pts transportation services. i have submitted steve's name as a point of contact. have a safe and pleasant flight. adr"

0005.2001-02-08.kitchen 0 epmi files protest of entergy transco " attached is our filing made yesterday protesting entergy's proposed transco: rate issues are premature until entergy has filed to join spp no support for its proposed innovative rates (for example, (i) entergy would get 5% of a custome

r-funded transmission project as a development fee and (ii) extra 300 basis points for certain projects) and exact recovery mechanism request that commission require grandfathered contracts to be addressed express concern of entergy's request to continue the problematic source and sink limitations -----
 -----forwarded by christi l nicolay/hou/ect on 02/08/2001 03:44 pm-----
 ----- "" andrea settanni "" on 02/08/2001 03:38:26 pm to:
 cc: subject: entergy rto protest rtol-75-01. wpd -entergyr. wpd"
 0005.2001-06-23.SA_and_HP 1 discounted mortgage broker 512517
 moates are at an all time with any crest and most competitive rates.
 simple takes under 1 minute. try now 512517
 0005.2003-12-18.GP 1 " miningnews. net newsletter-thursday, december
 18,2003" " thursday, december 18,2003 miningnews. net to allow you to
 read the stories below, we have arranged a complimentary one month subscription for you. to accept, click here to visit our extended service at www. miningnews. net. alternatively, just click any of the stories below. should you wish to discontinue this service, you may click here to cancel your subscription, or email subscriptions @ miningnews. net. have some news of your own? send your press releases, product news or conference details to submissions @ miningnews. net. de crespigny back in the action at buka robert champion de crespigny has re-emerged in the resources sector atop queensland explorer and potential copper producer buka minerals, sending shares in the company sharply higher... (18 december 2003) full story danielle looks good for strategic minerals strategic mineral has returned multiple high-grade assays from rock chip sampling of the danielle vein at its woolgar gold project in north queensland, including one assay grading 1953. 2 gpt... (18 december 2003) full story ivernia west upgrades wa lead resource toronto listed ivernia west has upgraded its resource and reserve estimate for the cano deposit at the company's 60%-owned magellan lead project in western australia... (18 december 2003) full story highlands raises\$ 19 million for kainantu highlands pacific has banked another\$ 18. 7 million for the development of its high-grade kainantu gold project in papua new guinea following a placement to domestic and international institutions... (18 december 2003) full story anz boosts gold outlook continued weakness in the us dollar has seen anz bank's natural resources group increase its forecasts for the gold price, with industry analyst peter windred saying the us\$ 420 barrier could come under serious pressure... (18 december 2003) full story chile lifts 2004 copper forecasts with copper pushing through the us\$ 1 per pound barrier for the first time in six and a half years earlier this week, chile's government copper commission, cochilco, has lifted its average 2004 copper forecast to a range of us 92-96 c a pound... (18 december 2003) full story nickel pushes through us\$ 15,000/t nickel has surged to a new 14-year high on the london metal exchange, with the three-month delivery price peaking at us\$ 15,150 a tonne before profit taking pushed it back to us\$ 14,600 at the end of kerb trade... (18 december 2003) full story michelago clinches china deal michelago has further cemented its position in china's expanding gold industry after upping the stake it will hold in a processing plant in shandong province to 82% and signing an agreement with the owners of a bacterial oxidation technology that will see it holding the exclusive licence for the process in china, siberia, mongolia and korea... (17 december 2003) full story northern star gets off to strong start perth-based northern star resources listed on the australian stock exchange today at 23 cents, a 15% premium to its issue price of 20 cents... (17 december 2003) full story macquarie to arrange chirano financing red back mining has mandated macquarie bank to arrange and underwrite debt financing for its chirano gold project in ghana... (17 december 2003) full story ashburton raises\$ 1. 28 million ashburton minerals has successfully completed a placement to professional investors, raising\$ 1. 28 million to accelerate nickel exploration over the company's east kimberley project in western australia and its ashburton gold project... (17 december 2003)

r 2003) full story kimberley identifies new pipes at ellendale kimberley diamond has identified two lamproite pipes and defined gravel horizons within a possible palaeo-channel at the northern section of the ellendale lamproite field in western australia... (17 december 2003) full story georgia on my mind with a market capitalisation of just\$ 47 million, over\$ 10 million in the bank by end of year, 45,000 ounces of attributable gold production a year, 70% of the biggest undeveloped copper project in australia and some very promising ground in mexico, it's not hard to make an investment case for bolnisi gold... (17 december 2003) full story lycopodium preferred chirano epcm tendere lycopodium has been chosen by red back mining as the preferred tenderer for the epcm contract for the chirano gold project in ghana.... full story sds take over normet australia sds corp has put some of the\$ 16.5 million it raised earlier this week to immediate use with its\$ 1.05 million acquisition of norme t australia.... full story facelift for hunter valley rail network following a deal to lease the hunter valley rail networks for the next 60 years, australian government-owned australian rail track corp has promised big things. infrastructure upgrades, a 20% reduction in track access charges for coal transport, and higher train speeds are some of them.... miningnews. net's e-newsletter uses an html-rich media format to provide a visually attractive layout. if, for any reason, your computer does not support html format e-mail, please let us know by emailing contact @ miningnews. net with your full name and e-mail address, and we will ensure you receive our e-newsletter in a plain-text format. if you have forgotten your password, please contact helpdesk @ miningnews. net. have some news of your own? send your press releases, product news or conference details to submissions @ miningnews. net. aspermont limited (a bn 66 000 375 048) postal address po box 78, leederville, wa australia 6902 head office tel + 61 8 9489 9100 head office fax + 61 8 9381 1848 e-mail contact @ aspermont. com website www. aspermont. com section dryblower investment news mine safety and health & environment mine supply today commodities due diligence exploration general ipos mining events moves mst features resourcestocks commodity coal copper diamonds gold nickel silver zinc bauxite-alum chromium cobalt gemstone iron ore kaolin magnesium manganese mineral sand oilshale pgm rare earths salt tantalum tin tungsten uranium vanadium region africa all regions asia australia europe north america oceania south america mines and money the 71 st sydney mining club: professor geoffrey blainey speaking on mining and the outback reflections & the future enterprise sustainability: managing triple-bottom line performance third international conference on computational fluid dynamics in the minerals & process industries show all events "

0006.1999-12-13.kaminski 0 japan candidate " vince, i spoke with whalley at the sa offsite and he mentioned that had (or knew of) a person that could bring some talent to the evaluation of an enron merchant business in japan. i am in sydney today, but will be in tokyo next week. i would like to speak more about this. what time might you be available? my japan mobile number is 81 90 4073 6761. regards, joe"

0006.2001-02-08.kitchen 0 california power 2/8 " please contact krist in walsh (x 39510) or robert johnston (x 39934) for further clarification. executive summary: utility bankruptcy appears increasingly likely next week unless the state can clear three hurdles-agreement on payback for the bailout, rate increases, and further short-term funding for dwr purchases of power. disagreement persists between gov. davis and democrats in the legislature on how the state should be paid back for its bailout of the utilities. the split is over a stock warrant plan versus state ownership of utility transmission assets. the economics of the long-term contracts appear to show that rate hikes are unavoidable because of the need to amortize the undercollected rates of the utilities during the recent rate freezeperiod. air quality management district regulations are under review, but offer limited scope for providing addition

al generation capacity. legislature democrats are feeling intense pressure from the left-wing consumer groups and are being forced to at least slow, if not stop, davis's bailout and rate hike plans. senator burton's eminent domain threats against generators, which reflect this pressure, are of little significance. 1. bankruptcy outlook rising once again a deal to finalize a debt workout continues to be just beyond the reach of the state, the utilities, and their creditors, with time running out on the debt forbearance arrangement set to expire on tuesday. socal edison and pg & e are not paying any of their bills except for payroll. they are working very hard to keep cash on-hand, and have indicated that they feel that they are very close to an involuntary bankruptcy filing. once this filing occurs, they will have 50 days until either the bankruptcy court accepts the filing or the utilities file a voluntary bankruptcy.

opinion within the assembly is divided with respect to the outlook for bankruptcy. assemblyman keeley told our source that a filing is likely, but that everything will be resolved during that 50-day period. senator john burton "" is in no hurry "" to reach a deal with the utilities, as he believes that the state of california is in a good position to "" strong-arm "" the utilities. burton currently does not intend to cede to the utilities so that they can avoid bankruptcy. the senator stated, "" bankruptcy would be bad, but not the worst thing possible. "" he intends to stick to his position. senator burton also dismissed governor davis'end-of-week deadline for striking a deal with the utilities. still, bankruptcy can be avoided if a last-minute deal can be struck monday on: what the state receives in return for the bailout the scope of rate hikes (a federal court is expected to rule on the pg & e/socal v. cpuc rate undercollection case monday) additional financing is made available to the dwr to buy more power until the revenue bonds can be issued in may. there is a possibility that significant progress on these issues could lead to a further extension of creditor forbearance. however, the negative tone taken by standard & poors and others concerning delays in the legislature suggest that further forbearance will difficult to achieve. the previous forbearance period was only achieved via a high-level washington summit which does not appear likely to happen this weekend. additional financing for dwr will not be automatically approved by the legislature. the non-energy expenditures of the california government are now at risk, as there is not yet a rate structure in place to recover the costs being expended on power from the general fund. 2. state to take 2/3 of utility debt while the state seems to have succeeded in forcing the utility parents to eat close to one third of the\$ 12 billion debt, a final deal has been held up on two fronts. first, it is still unclear what the state will get in return for the utility debt. it is possible that there will be a mix of stock warrants and/or transmission assets. a takeover of the transmission assets seems more likely than a takeover of the hydro assets. the value of these assets still has not been settled. second, while the state will be on the hook for\$ 9 billion, it is not clear what mixture of rate hikes and revenue bonds will be used to recover the cost of the bailout. finally, expect davis and other california politicians to work to minimize rate hikes (although the edison/pg & e v. cpuc case on monday is likely to force their hand here) and to do everything possible to avoid the appearance of a bailout. the tangible transmission assets are more politically attractive than the nebulous stock warrants. no price has been set at which the state would purchase the utilities'transmission assets, which are currently valued at approximately\$ 7-\$ 8 billion. all of the proceeds though cannot be used to pay off the utilities'debts, as some of the money would go to existing bondholders. however, ipp sources advise that there is already a bid on the table for these transmission assets that is higher than what the state would offer. 3. long-term contracts as noted by the governor in his announcement tuesday, only 500 mw of the 5,000 mw of power contracted for can come on-line immediately. much of the remainder reportedly was contracted in long-term purchases from suppliers who are building power

er plants. some of this will come on-line in approximately two years. assemblyman keeley expressed frustration that he has received a "" tablet from on high "" from governor davis that there must not be a rate increase. this means that the state must acquire power, not from internal sources or from the market, but through long-term contracts at 7.39 cents/kwh. this allows 1.213 cents to amortize so cal edison's undercollection from the recent rate freeze period. (the number is slightly different for pg & e.) this assumption is based on a natural gas price of \$ 7.90 in 2001 and \$ 5.15 in 2005, and an efficiency heating rate of 10,000-12,000 in 2001 and 7,200 in 2005. these numbers were quoted to industry sources, who felt they were unrealistic. these sources quoted the 2001 price of natural gas as \$ 9.00-\$ 9.50. the sources agreed with keeley's number for the 2001 efficiency heating rate, but they felt that 7,200 in 2005 was very optimistic unless an enormous amount of new generation capacity comes on line. according to keeley's numbers and assuming the filed rate case is settled at \$ 7 billion rather than \$ 12 billion, it would take 5 to 6 years to amortize all of the utility undercollection. a settlement to this case will need to be reached so that the state can figure out how much to charge for power in order to amortize the undercollection. however, since assemblyman keeley's numbers are unrealistic, a rate increase will be necessary.

4. air quality district exemptions there have been a few bills introduced to provide exemptions from aqmd (air quality management district) regulations--ab 20 x, ab 28 x, ab 31 x. also, republicans have been asking the governor to lift the environmental regulations and immediately site the facility in san jose that was denied by the local government. currently there is no contemplation of loosening the aqmd compliance restrictions. the legislature will not allow "" dirtier "" plants to come on-line. however, there might be a change in the means of implementation in southern california by moving away from the use of credits (this apparently drives up the cost of gas-fired power).

5. democratic moderates pressured by consumer advocates the moderate left (sen. burton, the puc, consumer activists) is afraid of harvey rosenfield and his consumers movement. this is not just because of his initiative. more important from their perspective, his initiative puts him and the far left in a position to challenge and defeat the moderates in the next election. thus, democrats in the legislature will feel pressured to distance themselves from davis and slow down any further rate increases or bailout.

6. eminent domain would have a limited effect the threats by burton to seize generation assets to insure continued power supply are limited. they only apply to california suppliers. a federal order would be needed to seize assets from out-of-state suppliers. there are also canadian suppliers (such as bc hydro) who are essentially untouchable.

7. smaller ipps feeling the squeeze many of the smaller ipps, which account for approximately 2500 mw of production, appear to be within a few days of running out of cash. ab 1x may be amended, possibly sometime this week, to give the smaller producers credit support."

0006.2001-04-03.williams 0 david gray " bill, is this the david gray you are going to see?? i listened to these clips. the music is kind of slow and romantic or something. is this how most of his sound is or did i just pick slower songs to listen to?"

0006.2001-06-25.SA_and_HP 1 looking 4 real fun 211075433222
talk on tele with locals in your area who want to meet for real encounters. no pre recorded bull this is the real deal. us residents: the 965 or 8919.-999 + be careful when making sexual dates and meetings. cali 900 # is \$ 1.99 per min 211075433222

0006.2003-12-18.GP 1 dobmeos with hgh my energy level has gone up! stukm " introducing doctor-formulated hgh human growth hormone-also called hgh is referred to in medical science as the master hormone. it is very plentiful when we are young, but near the age of twenty-one our bodies begin to produce less of it. by the time we are forty nearly everyone is deficient in

hgh, and at eighty our production has normally diminished at least 90-95%.
advantages of hgh: -increased muscle strength -loss in body fat -increased
bone density -lower blood pressure -quickens wound healing -reduces cellul
ite -improved vision -wrinkle disappearance -increased skin thickness textu
re -increased energy levels -improved sleep and emotional stability -improv
ed memory and mental alertness -increased sexual potency -resistance to comm
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0006.2004-08-01.BG 1 :)) you can not save the world by quitting smo
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not understand that these small tablets would be able to allay the pangs of
hunger; but when rob explained their virtues the men ate them greedily save
on booze by drinking cold tea instead of whiskey. the following morning you
can create the effects of hangover by drinking a thimble full of dish washin
g liquid and banging your head repeatedly on the wall. mitral 1 jirapliegao 6
carlo `n, motero jubilar."

0007.1999-12-13.kaminski 0 christmas break " fyi -----
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kaminski/hou/ect @ ect cc: shirley crenshaw/hou/ect @ ect subject: christma
s break dear vince, as the holidays approach, i am excited by my coming brea
k from classes but also about the opportunity to see everyone at enron again
and to work with you and them soon. i am writing to let you know that i woul
d be very happy to work at enron over my break and i would like to plan out
a schedule. my semester officially ends dec. 20 th but i may be out of town
the week before christmas. i will be available the following three weeks, fr
om monday, dec. 27 to friday, jan. 14. please let me know if during those th
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nd so that i can contact andrea at prostaff soon. please let me know if you h
ave any concerns or questions about a possible work schedule for me. give my
regards to everyone at the office and wishes for a very happy holiday seaso
n! i look forward to seeing you soon. sincerely, van ngo ph: 713-630-8038
-att1. htm"

0007.1999-12-14.farmer 0 mcmullen gas for 11/99 " jackie, since the i
nlet to 3 river plant is shut in on 10/19/99 (the last day of flow): at what
meter is the mcmullen gas being diverted to? at what meter is hpl buying the
residue gas? (this is the gas from teco, vastar, vintage, tejones, and swif
t) i still see active deals at meter 3405 in path manager for teco, vastar,
vintage, tejones, and swift i also see gas scheduled in pops at meter 3404 a
nd 3405. please advice. we need to resolve this as soon as possible so settle
ment can send out payments. thanks"

0007.2000-01-17.beck 0 global risk management operations " cong
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1/18/2000 04:59 am----- rick causey @ enron 01/17/200
0 06:04 pm sent by: enron announcements @ enron to: all enron worldwide cc:
subject: global risk management operations recognizing enron , s increasing
worldwide presence in the wholesale energy business and the need to insure o
utstanding internal controls for all of our risk management activities, regar
dless of location, a global risk management operations function has been crea
ted under the direction of sally w. beck, vice president. in this role, sally
will report to rick causey, executive vice president and chief accounting of

ficer. sally , s responsibilities with regard to global risk management operations will mirror those of other recently created enron global functions. in this role, sally will work closely with all enron geographic regions and wholesale companies to insure that each entity receives individualized regional support while also focusing on the following global responsibilities: 1. enhance communication among risk management operations professionals. 2. assure the proliferation of best operational practices around the globe. 3. facilitate the allocation of human resources. 4. provide training for risk management operations personnel. 5. coordinate user requirements for shared operational systems. 6. oversee the creation of a global internal control audit plan for risk management activities. 7. establish procedures for opening new risk management operations offices and create key benchmarks for measuring on-going risk controls. each regional operations team will continue its direct reporting relationship within its business unit, and will collaborate with sally in the delivery of these critical items. the houston-based risk management operations team under sue frusco , s leadership, which currently supports risk management activities for south america and australia, will also report directly to sally. sally retains her role as vice president of energy operations for enron north america, reporting to the ena office of the chairman. she has been in her current role over energy operations since 1997, where she manages risk consolidation and reporting, risk management administration, physical product delivery, confirmations and cash management for ena , s physical commodity trading, energy derivatives trading and financial products trading. sally has been with enron since 1992, when she joined the company as a manager in global credit. prior to joining enron, sally had four years experience as a commercial banker and spent seven years as a registered securities principal with a regional investment banking firm. she also owned and managed a retail business for several years. please join me in supporting sally in this additional coordination role for global risk management operations."

0007.2001-02-09.kitchen 0 california power 2/9 " the following information is from sensitive sources. please treat with discretion. contact robert johnston (x 39934) or kristin walsh (x 39510) for questions or additional info. bankruptcy early this week, there was a closed door meeting held by the western power trading forum in arizona. the meeting took place outside california to avoid press coverage and allow ipps to maintain a low profile. association representatives believe that regardless of what happens with the puc vs. utilities ruling expected on monday, some ipps will take the utilities into involuntary bankruptcy. our source expects that absent a significant last minute breakthrough, the filing will happen within the next two weeks, and "" probably "" next week. as stated in yesterdays report, the ipps are very low on cash and are not able to cover the debts of the pg & e and socal. only three creditors are needed with uncollected debts of more than\$ 10,000 to file involuntary bankruptcy. bail out davis has been meeting with the chief executives of both utilities in a last ditch effort to make a deal prior to monday's court ruling. the most likely scenario is for state ownership of the utilities transmission assets. however, coming to an agreed upon price will be very challenging. in addition, pg & e and edison appear to have competing agendas in pursuing a bail out plan. davis is expected to continue meetings through out the weekend in hopes of reaching an agreement before monday."

0007.2003-12-18.GP 1 say goodbye to long doctor visits! d " dont waste your time at the doctors office! rx medications delivered right to your door in 24 hours! pay less for your drugs get more for your\$\$\$! join the millions of people who are tired of the hassle with the insurance companies and doctors! we carry all of the well-known drugs available and most of the unknown as well. we currently have specials on the following items: penance name what it does phentermine helps eliminate excess body-fattroglydte fioricet relieves headache pain and migraine headachesmerle tramadol alle

viates mild/mild-severe levels of pain throughout bodyfrankfurter ambien cures insomnia other sleep disordersshrink prilosec treats acid reflux disease, extreme heartburnwestfield prozac for depression, ocd and/or eating disordersclump didrex an appetite suppressant to help reduce weightwheezy all prescriptions are free! annals our qualified physicians are standing by to serve you. chisholm visit our site today and let us help you help yourself! agouti ypfpb rvsq ihf jpxdltmuk xqirzd ckgby zk slgavjmoqq zxs aqoj g "0007.2004-08-01.BG 1 need software? click here. " top quality software: special offer # 1: windows xp professional + microsoft office xp professional = only\$ 80 special offer # 2: adobe-photoshop 7, premiere 7, illustrator 10 = only\$ 120 special offer # 3: macromedia dreamwaver mx 2004 + flash mx 2004 = only\$ 100 also: windows 2003 server windows 2000 workstation windows 2000 server windows 2000 advanced server windows 2000 datacenter windows nt 4.0 windows millenium windows 98 second edition windows 95 office xp professional office 2000 office 97 ms plus ms sql server 2000 enterprise edition ms visual studio. net architect edition ms encarta encyclopedia deluxe 2004 ms project 2003 professional ms money 2004 ms streets and trips 2004 ms works 7 ms picture it premium 9 ms exchange 2003 enterprise server adobe photoshop adobe pagemaker adobe illustrator adobe acrobat 6 professional adobe premiere macromedia dreamwaver mx 2004 macromedia flash mx 2004 macromedia fireworks mx 2004 macromedia freehand mx 11 corel draw graphics suite 12 corel draw graphics suite 11 corel photo painter 8 corel word perfect office 2002 norton system works 2003 borland delphi 7 enterprise edition quark xpress 6 passport multilanguage enter here"0008.2001-02-09.kitchen 0 urg: gas securitization agreements " fyisrs -----forwarded by sherri sera/corp/enron on 02/09/2001 08:39 am----- "" jauregui, robert m "" on 02/08/2001 07:55:44 pm to: ""'taylorja 2 @ bp. com'"" , ""'mccclankg @ bp. com'"" , ""'sdba @ dynegy. com'"" , ""'njwa @ dynegy. com'"" , ""'pete. j. pavluk @ dynegy. com'"" , ""'chuck. watson @ dynegy. com'"" , ""'pwarden @ pillsburywinthrop. com'"" , ""'repling @ pillsburywinthrop. com'"" , ""'mmce @ dynegy. com'"" , ""'swbe @ dynegy. com'"" , ""'bcli @ dynegy. com'"" , ""'singleton. greg @ epenergy. com'"" , ""'hoferc @ epenergy. com'"" , ""'smithc @ epenergy. com'"" , ""'wisew @ epenergy. com'"" , ""'jonesg @ epenergy. com'"" , ""'colliw @ texaco. com'"" , ""'benewm @ texaco. com'"" , ""'underga @ texaco. com'"" , ""'hans @ cook-inlet. com'"" , ""'prez @ cook-inlet. com'"" , ""'davidyi @ cook-inlet. com'"" , ""'dronn @ mayerbrown. com'"" , ""'swidner @ coral-energy. com'"" , ""'blong @ coral-energy. com'"" , ""'ctise @ coral-energy. com'"" , ""'jeff. skilling @ enron. com'"" , ""'william. s. bradford @ enron. com'"" , ""'travis. mccullough @ enron. com'"" , ""'iccenergy @ aol. com'"" , ""'stefkatz @ cs. com'"" , ""'mssessa @ sempratrading. com'"" , ""'dfelsinger @ sempra. com'"" , ""'mcosta @ stroock. com'"" , ""'jshorter @ txuenergy. com'"" , ""'mperkins 2 @ txuelectric. com'"" , ""'cenochs @ txuenergy. com'"" , ""'bjeffrie @ westerngas. com'"" , ""'ryanmcgeachie @ aec. ca'"" , ""'richarddaniel @ aec. ca'"" , ""'jones. murphy @ williams. com'"" , ""'randall. o'neal @ williams. com'"" , ""'kelly. knowlton @ williams. com'"" , ""'connie. turner @ williams. com'"" , ""'scampbell @ txuenergy. com'"" , ""'ilydiatt @ altra. com'"" , ""'dkohler @ br-inc. com'"" , ""'reason @ br-inc. com'"" , ""'sallen @ duke-energy. com'"" , ""'rsbaker @ duke-energy. com'"" , ""'richard. ruzika @ gs. com'"" , ""'steve. brown @ southernenergy. com'"" , ""'kenny. foo @ ngx. com'"" , ""'tgary @ pcenergy. com'"" , ""'bredd @ pcenergy. com'"" , ""'harry_wijsman @ pcp. ca'"" , ""'celias @ pcenergy. com'"" , ""'hal-borlan @ reliantenergy. com'"" , ""'priscilla-massey @ reliantenergy. com'"" , ""'llittle @ reliantenergy. com'"" , ""'gary-lamb @ transcanada. com'"" , ""'larry-desmeules @ coastenergy. com'"" , ""'five 5 wood @ aol. com'"" , ""'don. fishbeck @ cmenergy. com'"" , ""'randy. harrison @ southernenergy. com'"" , ""'john. krill @ engageenergy. com'"" , ""'glen. mackey @ energy. com'"" , ""'doug. rabey @ energy. com'"" , ""'michael_huse @ transcanada. com'"" cc: ""'jlo

pes @ hrice. com'", "'jnexon @ hrice. com'", "" buchsbaum, craig m (corp)
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nts i am pleased to report that, as 2/8/01,4:00 pm pst, pg & e has executed t
he gas supplier security agreement and the intercreditor agreement with the
following suppliers: * bp energy company * dynegey canada marketing & trade,
a division of dci * dynegey marketing & trade * el paso merchant energy, l.
p. * texaco canada * texaco natural gas * txu energy trading canada limite
d * txu energy trading company * williams energy marketing & trading co. (us
& canada) as you know, other suppliers are not precluded from future partici
pation (we highly encourage it) however, we will now require completion of ex
hibit b (supplier joinder agreement) as outlined in 8. (j). i would greatly
appreciate your replying to this email to let us know whether you intend to
be a party to these agreements at this time. please call if you have any que
stions. please forward all correspondence to: trista berkovitz director, ga
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0008.2001-06-12.SA_and_HP 1 spend too much on your phone bill? 25
711 " crystal clear connection with unlimited long distance usage for one
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your flat rate unlimited long distance service for 1 week free * to prove th
at the quality of service is what you expect. call now! operators standing
by to activate your service. toll free: 877-529-7358 monday through friday 9
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ho have a valid checking account. service is never billed until after the 1 w
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0008.2001-06-25.SA_and_HP 1 " your membership exchange, issue # 42
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1 your place to exchange ideas, ask questions, swap links, and share your skill
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disethat appeals to people worldwide, reach your target audience! for a fracti
on of what other large newsletters charge youcan exhibit your website here for
only\$ 8 cpm. why?... because as a valuable member we want you to be successfu
l! order today-exhibits are limited and published on afirst come, first serve
basis. http:// bannersgomlm. com/ezone

0008.2003-12-18.GP 1 when sp @ m doesn't annoy you eternal "bens
on sibilant chartroom hello, do you hate spam? this program worked for me.
if you hate spam like i do, you owe it to your self to try this program, an
d forward this email to all of your friends which also hate spam or as many
people possible. together lets help clear the internet of spam! stop spam
in its tracks! do you get junk, scams and worse in your inbox every day?
are you sick of spending valuable time removing the trash? is your child re
ceiving inappropriate adult material? if so you should know that no other s
olution works better then our software to return control of your email back
where it belongs! imagine being able to read your important email without
looking through all that spam... stop spam in its tracks starting today. o
pt-out here. expanse glenda litterbug "

0008.2004-08-01.BG 1 " slotting order confirmation may 18,2004 etac
itne" " {% begin_split 76%} the rest of the afternoon was spent in making u
p the train. i am afraid to say how many baggage-waggon's followed the engine,
certainly a score; then came the chinese, then we, then the families, and the
rear was brought up by the conductor in what, if i have it rightly, is called

his caboose. the class to which i belonged was of course far the largest, and we ran over, so to speak, to both sides; so that there were some caucasians among the chinamen, and some bachelors among the families. but our own car was pure from admixture, save for one little boy of eight or nine who had the whooping-cough. at last, about six, the long train crawled out of the transfer station and across the wide missouri river to omaha, westward bound. it was a troubled uncomfortable evening in the cars. there was thunder in the air, which helped to keep us restless. a man played many airs upon the cornet, and none of them were much attended to, until he came to "" home, sweet home. "" it was truly strange to note how the talk ceased at that, and the faces began to lengthen. i have no idea whether musically this air is to be considered good or bad; but it belongs to that class of art which may be best described as a brutal assault upon the feelings. pathos must be relieved by dignity of treatment. if you wallow naked in the pathetic, like the author of "" home, sweet home, "" you make your hearers weep in an unmanly fashion; and even while yet they are moved, they despise themselves and hate the occasion of their weakness. it did not come to tears that night, for the experiment was interrupted. an elderly, hard-looking man, with a goatee beard and about as much appearance of sentiment as you would expect from a retired slaver, turned with a start and bade the performer stop that "" damned thing. "" "" i've heard about enough of that, "" he added; "" give us something about the good country we're going to. "" a murmur of adhesion ran round the car; the performer took the instrument from his lips, laughed and nodded, and then struck into a dancing measure; and, like a new timotheus, stilled immediately the emotion he had raised. aka: vicqodin, xacnax, suprervisagra and much morne- no prescription neyeded! civilizirano gullweig gxol sylg the day faded; the lamps were lit; a party of eight men, who got off next evening at north platte, stood together on the stern platform, singing "" the sweet by-and-bye "" with very tuneful voices; the chums began to put up their beds; and it seemed as if the business of the day were at an end. but it was not so; for, the train stopping at some station, the cars were instantly thronged with the natives, wives and fathers, men and maidens, some of them in little more than nightgear, some with stable lanterns, and all offering beds for sale. their charge began with twenty-five cents a cushion, but fell, before the train went on again, to fifteen, with the bed-board gratis, or less than one-fifth of what i had paid for mine at the transfer. this is my contribution to the economy of future emigrants. a great personage on an american train is the newsboy. he sells books (such books!), papers, fruit, lollipops, and cigars; and on emigrant journeys, soap, towels, tin washing dishes, tin coffee pitchers, coffee, tea, sugar, and tinned eatables, mostly hash or beans and bacon. early next morning the newsboy went around the cars, and chumming on a more extended principle became the order of the hour. it requires but a copartnery of two to manage beds; but washing and eating can be carried on most economically by a syndicate of three. i myself entered a little after sunrise into articles of agreement, and became one of the firm of pennsylvania, shakespeare, and dubuque. shakespeare was my own nickname on the cars; pennsylvania that of my bedfellow; and dubuque, the name of a place in the state of iowa, that of an amiable man fellow going west to cure an asthma, and retarding his recovery by incessantly chewing or smoking, and sometimes chewing and smoking together. i have never seen tobacco so sillily abused. shakespeare bought a tin washing-dish, dubuque a towel, and pennsylvania a brick of soap. the partners used these instruments, one after another, according to the order of their first awaking; and when the firm had finished there was no want of borrowers. each filled the tin dish at the water filter opposite the stove, and retired with the whole stock in trade to the platform of the car. there he knelt down, supporting himself by a shoulder against the woodwork or one elbow crooked about the railing, and made a shift to wash his face and neck and hands; a cold, an insufficient, and, if the train is moving rapidly, a

somewhat dangerous toilet."

0009.1999-12-13.kaminski 0 christmas-near " good morning all. we apologize that we are not going to be able to have our holiday party before the first of the year. we wanted to use the scout house in west university like we did last year and it was not available. vince suggested that with the move and a lot of people taking vacation that we wait until after the first of the year. this way you can take advantage of "" after christmas sales "" for your gift! just remember whose name you have and we will schedule an "" offsite "" after the first of the year. thanks! shirley -----
-----forwarded by shirley crenshaw/hou/ect on 12/13/99 09:23 am-----
----- kevin g moore 12/13/99 08:58 am to: vince j kaminski/hou/ect @ ect, stinson gibner/hou/ect @ ect, grant masson/hou/ect @ ect, vasant shanbhogue/hou/ect @ ect, maureen raymond/hou/ect @ ect, pinnamaneni krishnarao/hou/ect @ ect, zimin lu/hou/ect @ ect, mike a roberts/hou/ect @ ect, samer takriti/hou/azurix @ azurix, amitava dhar/corp/enron @ enron, joseph hrgovcic/hou/ect @ ect, alex huang/corp/enron @ enron, kevin kindall/corp/enron @ enron, osman sezgen/hou/ees @ ees, tanya tamarchenko/hou/ect @ ect, vincent tang/hou/ect @ ect, ravi thuraisingham/hou/ect @ ect, paulo issler/hou/ect @ ect, martin lin/hou/ect @ ect, ross prevatt/hou/ect @ ect, michael sergeev/hou/ect @ ect, patricia tlappek/hou/ect @ ect, roman zadorozhny/hou/ect @ ect, martina angelova/hou/ect @ ect, jason sokolov/hou/ect @ ect, shirley crenshaw/hou/ect @ ect cc: subject: christmas-near hello everyone, the pulling of names are completed. shirley will inform you as to when we will make exchanges. thanks kevin moore -----forwarded by kevin g moore/hou/ect on 12/13/99 08:50 am----- kevin g moore 12/10/99 08:28 am to: vince j kaminski/hou/ect @ ect, stinson gibner/hou/ect @ ect, grant masson/hou/ect @ ect, vasant shanbhogue/hou/ect @ ect, maureen raymond/hou/ect @ ect, pinnamaneni krishnarao/hou/ect @ ect, zimin lu/hou/ect @ ect, mike a roberts/hou/ect @ ect, samer takriti/hou/azurix @ azurix, amitava dhar/corp/enron @ enron, joseph hrgovcic/hou/ect @ ect, alex huang/corp/enron @ enron, kevin kindall/corp/enron @ enron, osman sezgen/hou/ees @ ees, tanya tamarchenko/hou/ect @ ect, vincent tang/hou/ect @ ect, ravi thuraisingham/hou/ect @ ect, paulo issler/hou/ect @ ect, martin lin/hou/ect @ ect, ross prevatt/hou/ect @ ect, michael sergeev/hou/ect @ ect, patricia tlappek/hou/ect @ ect, roman zadorozhny/hou/ect @ ect, martina angelova/hou/ect @ ect, jason sokolov/hou/ect @ ect, shirley crenshaw/hou/ect @ ect cc: subject: christmas-near good morning, things went well on yesterday with names being pulled. here is a list of people who have to pull a name. stinson gibner samer takriti ravi thuraisingham martin lin alexios kollaros shirley crenshaw let's celebrate at work with each other making the last christmas in 1999- great! reminder: if you feel you will be unable to attend the exchanging of the gifts, please do not let that stop you from participating. each persons name has been entered; can you guess who has your name? we have a gift for you. so if you can not attend for any reason please know that you are included and your gift will be here when you return. wishing all a merry christmas, and a good kick-off to happy holidays. thanks kevin moore -----forwarded by kevin g moore/hou/ect on 12/10/99 06:40 am----- kevin g moore 12/08/99 07:47 am to: vince j kaminski/hou/ect @ ect, stinson gibner/hou/ect @ ect, grant masson/hou/ect @ ect, vasant shanbhogue/hou/ect @ ect, maureen raymond/hou/ect @ ect, pinnamaneni krishnarao/hou/ect @ ect, zimin lu/hou/ect @ ect, mike a roberts/hou/ect @ ect, samer takriti/hou/azurix @ azurix, amitava dhar/corp/enron @ enron, joseph hrgovcic/hou/ect @ ect, alex huang/corp/enron @ enron, kevin kindall/corp/enron @ enron, osman sezgen/hou/ees @ ees, tanya tamarchenko/hou/ect @ ect, vincent tang/hou/ect @ ect, ravi thuraisingham/hou/ect @ ect, paulo issler/hou/ect @ ect, martin lin/hou/ect @ ect, ross prevatt/hou/ect @ ect, michael sergeev/hou/ect @ ect, patricia tlappek/hou/ect @ ect, roman zadorozhny/hou/ect @ ect, martina angelova/hou/ect @ ect,

jason sokolov/hou/ect @ ect, shirley crenshaw/hou/ect @ ect cc: subject: christmas drawing-near ho! ho! ho! merry christmas, on thursday we will pull names. once again, this is so we may share in the christmas spirit and show our appreciation for one another. we will then join and exchange gifts on a later date..... stay tuned..... if for some chance you will not be present on thursday, feel free to stop by my desk and pull your name today. eb 3130 a x 34710 join in the fun and remember, keep it simple thanks kevin moore -----forwarded by kevin g moore/hou/ect on 12/08/99 06:55 am----- kevin g moore 12/07/99 09:40 am to: vince j kaminski/hou/ect @ ect, stinson gibner/hou/ect @ ect, grant masson/hou/ect @ ect, vasant shanbhogue/hou/ect @ ect, maureen raymond/hou/ect @ ect, pinnamaneni krishnarao/hou/ect @ ect, zimin lu/hou/ect @ ect, mike a roberts/hou/ect @ ect, samer takriti/hou/azurix @ azurix, amitava dhar/corp/enron @ enron, joseph hrgovcic/hou/ect @ ect, alex huang/corp/enron @ enron, kevin kindall/corp/enron @ enron, osman sezgen/hou/ees @ ees, tanya tamarchenko/hou/ect @ ect, vincent tang/hou/ect @ ect, ravi thuraisingham/hou/ect @ ect, paulo issler/hou/ect @ ect, martin lin/hou/ect @ ect, ross prevatt/hou/ect @ ect, michael sergeev/hou/ect @ ect, patricia tlappek/hou/ect @ ect, roman zadorozhny/hou/ect @ ect, martina angelova/hou/ect @ ect, jason sokolov/hou/ect @ ect, shirley crenshaw/hou/ect @ ect cc: subject: christmas drawing-near hello everyone, we would like for christmas this year that the research group pull names, as a way of sharing in the spirit of christmas, and as appreciation for one another. we want to keep it simple so the gift should be less than twenty-dollars. please everyone participate, your name is already entered. i will return with more info. later..... thanks kevin moore let's have a wonderful christmas at work."

0009.1999-12-14.farmer 0 meter 1517-jan 1999 " george, i need the following done: jan 13 zero out 012-27049-02-001 receipt package id 2666 allocate flow of 149 to 012-64610-02-055 deliv package id 392 jan 26 zero out 012-27049-02-001 receipt package id 3011 zero out 012-64610-02-055 deliv package id 392 these were buybacks that were incorrectly nominated to transport contracts (ect 201 receipt) let me know when this is done hc"

0009.2000-06-07.lokay 0 human resources organization " as enron continues to address the human capital needs of the organization, there are several changes in enron , s human resources (hr) organization i , d like to share with you: in corporate human resources: brian schaffer will lead the office of labor and employment relations function, including resource management, corporate training activities, and workforce development. mary joyce will continue to have responsibility for executive compensation and our global equity plans. cynthia barrow, in addition to benefits, will be responsible for the development of work life programs across enron. brad coleman will be responsible for analysis and reporting, in addition to the re-engineering of the hr service center. gerry gibson will work closely with me to provide organizational development & training expertise for hr , s continuing evolution. andrea yowman will be responsible for several projects which are critical to hr , s on-going success including the sap implementation, global information system (gis) database, and total compensation system development. in addition, she will have responsibility for the human resource information system (hris). the hr generalist functions for corporate will be handled by the following: gwen petteway, public relations, government affairs, legal, investor relations, corporate development, epsc, aviation, enron federal credit union and the analyst and associate program kim rizzi, accounting and human resources sheila walton, rac, finance and enron development corp, in addition to her responsibilities in ena at the business unit level, we , ve established two geographic hubs for our wholesale business units: drew lynch will be in london with the hr responsibility for the eastern hemisphere including london, apache and india. drew , s senior leadership team will include: nigel sellens, ranen

sengupta and scott gilchrist. david oxley will be located in houston with hr responsibility for the western hemisphere including north america, calme and south america. david, s senior leadership team will include: miguel padron, janie bonnard, sheila knudsen and cindy skinner. we believe these hubs can result in a more effective hr organization and also facilitate the movement of talent where needed in those regions. the following are the hr leaders responsible for the remaining business units: dave schaffer gpg gary smith win d robert jones net works marla barnard ebs ray bennett ees/efs willie williams ee & cc/nepco gerry chatham egep please click on the following link to view the hr organization chart. "

0009.2001-02-09.kitchen 0 " re: brazil commercial-* * update version, delete previous * *" " louise, sorry, i just received your note. the extent of any discussion was dave thanking me over the phone for the inputs and recognizing that he and john incorporated some of the content. we've never had what i had been expecting, or at least presumed appropriate i. e., prior to any formal decision for the region, entertaining an in-person detailed discussion of the examples and recommendations-including a welcome cross examination of my observations that might conflict with official report or view. john and dave asked me to talk with brett, kish and gonzalez, but if you look at my recommendations and also consider the overall performance in the region does this make the best sense? i've done this again and, in fact, had already introduced my ideas to each of them and the previous system prior to forwarding them to houston. prior to having to leave enron, i wanted to make a best effort to get the authority to execute the recommendations i've pretty consistently introduced since joining in late 1998 and tried to get enron to implement under the previous management. i have not had the opportunity to manage or influence the company's operations in south america-this is my fault for not negotiating a more senior position, but i made the attempt in the region and more recently with the new managers to demonstrate a need to open constructive, critical discussion. anyway, i've tried to open the door to john, dave and you and others who are interested to brainstorm including the leadership in place in esa to understand and perhaps leverage my applied experience-both trading, origination and, importantly, cultural. my resume below should attest to my capabilities-at least in terms of the potential value of my observations. thank you for your efforts extended in my behalf and good luck in your new position and working within enron's unique, dynamic ethic. d'arcy louise kitchen @ ect 02/09/2001 01:46 pm to: d'arcy carroll/sa/enron @ enron cc: subject: re: brazil commercial-* * update version, delete previous * * i have spoken to john lavorato on this and he says that dave and john have already spoken to you on this. do we still need to meet as i have no different opinion to them at this time. louise d'arcy carroll @ enron 02/09/2001 11:13 am to: louise kitchen @ ect cc: subject: brazil commercial-* * update version, delete previous * * louise, this is a lot of text including the attached files, but is the summary gist of what i have tried to communicate internally and am asking to discuss with you this morning. -----forwarded by d'arcy carroll/sa/enron on 02/09/2001 02:14 pm----- d'arcy carroll 11/09/2000 06:20 pm to: david w delainey @ ect, john j lavorato/corp/enron @ enron cc: kay chapman @ ect subject: brazil commercial-* * update version, delete previous * * david/john-understand the trip will be delayed. proposal outline has two texts-i. commercial strategy and ii. historical perspective. the org charts will need some discussion-particularly in regard to the strengths and weakness of employed personnel and urgent need for an improved structure. over the fh 2000 and within the new structure with brett and joao carlos albuquerque in place, the wholesale group and trading desk seems to have made some important strides forward in terms of recruiting some good individuals and, in trading terms, finally executing some fundamental market supply, demand and transmission analysis. to get into the game quickly and aggressively, though

h, i think the commercial group needs to hire some senior, local trading expert. i apologize, but was unable to get in contact with either of these two guys to set up a possible meeting this week. however, they have the local knowledge, trading competencies and management experience which i consider needed to catalyze the regional effort: axel hinsch-argentine and cargill employee with several years and broad commodity and financial trading, business development and management experience, including senior trader for the bear stearns emerging markets equity desks in the late 1980 s/early 1990 s. straight up, no ego argentine country manager. mark hoffman-swiss/brazilian and glencore employee with several years energy, energy distribution and sugar sector experience; applied commodity and financial arbitrage experience in the brazilian market. lot less straight forward, but applied knowledge and expertise. senior originator/trader. please forward any input about your interest in scheduling a meeting either open here or in houston during the week of nov 20. for some perspective on my experience at enron, let me explain that i have been working in enron networks in the region from q 2'00 and therefore much less formally involved with the trading (brazil spot market) and wholesale pricing, tariff issues etc.,.. than at the end of FY 1999 when i was directly involved in developing our effort to get in the game in understanding the spot price formula calculations and exploring arbitrage opportunities in the wholesale market. i've attached my resume for some perspective on my background and capability to critically review the commercial (trading and marketing) and managerial issues involving the past and future opportunities. "

0009.2001-06-26.SA_and_HP 1 "double your life insurance at no extra cost! 29155 the lowest life insurance quotes without the hassle! compare rates from the nation's top insurance companies shop, compare and save fill out the simple form, and you'll have the 15 best custom quotes in 1 minute.

compare your current coverage to these sample 10-year level term monthly premiums (20 year, 30 year and smoker rates also available) \$ 250,000 \$ 500,000 \$ 1,000,000 age male female male female male female 30 \$ 12 \$ 11 \$ 19 \$ 15 \$ 31 \$ 27 40 \$ 15 \$ 13 \$ 26 \$ 21 \$ 38 \$ 37 50 \$ 32 \$ 24 \$ 59 \$ 43 \$ 107 \$ 78 60 \$ 75 \$ 46 \$ 134 \$ 87 \$ 259 \$ 161 click here to compare! it's fast, easy and free! * all quotes shown are from insurance companies rated a-, a, a + or a + + by a.m. best company (a registered rating service) and include all fees and commissions. actual premiums and coverage availability will vary depending upon age, sex, state availability, health history and recent tobacco usage. to unsubscribe, reply with unsubscribe in subject! "

0009.2003-12-18.GP 1 new clonazepam. m xanax. x valium. m vicodin. n dhyngem many specials running this week the real thing not like the other sites that imitate these products. no hidden charges. fast delivery via c. odin val. ium xan. ax via. gra diaz. epam alpra. zolam so. ma fior. icet amb. ien stil. nox ult. ram zo. loft clon. azepam at. ivan tr. amadol xen i. cal cele. brex vi. oxx pro. zac bus. par much m. ore.... if you have received this in error please use <http://www.nowbetterthis.biz/byee.html> fu ohqjlsjcqp x odlx gxxu

0010.1999-12-14.farmer 0 duns number changes " fyi -----
-----forwarded by gary l payne/hou/ect on 12/14/99 02:35 pm -----
----- from: antoine v pierre 12/14/99 02:34 pm to: tommy j yanowski/hou/ect @ ect, kathryn bussell/hou/ect @ ect, gary l payne/hou/ect @ ect, diane e niestrath/hou/ect @ ect, romeo d'souza/hou/ect @ ect, michael eiben/hou/ect @ ect, clem cernosek/hou/ect @ ect, scotty gilbert/hou/ect @ ect, dave nomensen/hou/ect @ ect, david rohan/hou/ect @ ect, kevin heal/cal/ect @ ect, richard pinion/hou/ect @ ect cc: mary g gosnell/hou/ect @ ect, jason moore/hou/ect @ ect, samuel schott/hou/ect @ ect, bernice rodriguez/hou/ect @ ect subj ect: duns number changes i will be making these changes at 11:00 am on wednesday december 15. if you do not agree or have a problem with the dnb number ch

ange please notify me, otherwise i will make the change as scheduled. dunn's
number change: counterparty cp id number from to cinergy resources inc. 62
163 869279893 928976257 energy dynamics management, inc. 69545 825854664 0888
89774 south jersey resources group llc 52109 789118270 036474336 transalta e
nergy marketing (us) inc. 62413 252050406 255326837 philadelphia gas works 33
282 148415904 146907159 thanks, rennie 3-7578"

0010.1999-12-14.kaminski 0 stentofon "goodmorning liz, we
are in need of another stentofon for trisha tlapek. she works very closely w
ith the traders and it is important for quick communication. thanks kevin m
oore"

0010.2001-02-09.kitchen 0 "brazil commercial-* * update version, delete
previous * *" "louise, this is a lot of text including the attached file
s, but is the summary gist of what i have tried to communicate internally and
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by d'arcy carroll/sa/enron on 02/09/2001 02:14 pm-----
d'arcy carroll 11/09/2000 06:20 pm to: david w delaine@ect, john j lavor
ato/corp/enron@enron cc: kay chapman@ect subject: brazil commercial-* *
update version, delete previous * * david/john-understand the trip will be d
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and joao carlos albuquerque in place, the wholesale group and trading desk se
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od individuals and, in trading terms, finally executing some fundamental marke
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have the local knowledge, trading competencies and management experience whic
h i consider needed to catalyze the regional effort: axel hinsch-argentine an
d cargill employee with several years and broad commodity and financial tradin
g, business development and management experience, including senior trader for
the bear stearns emerging markets equity desks in the late 1980 s/early 1990
s. straight up, no ego argentine country manager. mark hoffman-swiss/brazil
ian and glencore employee with several years energy, energy distribution and s
ugar sector experience; applied commodity and financial arbitrage experience i
n the brazilian market. lot less straight forward, but applied knowledge and e
xpertise. senior originator/trader. please forward any input about your inte
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nov 20. for some perspective on my experience at enron, let me explain that
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olesale market. i've attached my resume for some perspective on my background
and capability to critically review the commercial (trading and marketing) an
d managerial issues involving the past and future opportunities."

0010.2001-06-28.SA_and_HP 1 urgent business proposal "mrs.
regina rossman. # 263 sandton city johannesburg, south africa. e-mail: joel
_rosel@mail.com attn: alhaji with due respect, trust and humility, i writ
e you this proposal, which i believe, would be of great interest to you. i a
m mrs. regina rossman, the wife of late mr. joseph rossman of blessed memory,
before forces loyal to major johnny paul koromah killed my husband; he was
the director general of gold and mining corporation (g. d. m. c.) of sierra
leone. my husband was one of the people targeted by the rebel forces. on the

course of the revolution in the country, prominent people were hijacked from their homes to an unknown destination. two days before his death, he managed to sneak a written message to us, explaining his condition and concerning one trunk box of valuables containing money, which he concealed under the roof. he instructed me to take our son and move out of sierra leone, immediately to any neighboring country. the powerful peace keeping force of the (ecomm) intervened to arrest the situation of mass killings by the rebels, which was the order of the day. eventually, it resulted into full war, i became a widow overnight, helpless situation, without a partner at the moment of calamity, and every person was running for his life. my son and i managed to escape to south africa safely with the box and some documents of property title.

the cash involved inside the box was us\$ 30 million (thirty million united states dollars). due to fear and limited rights as a refugee, i deposited the items with a private security company in order not to raise an eyebrow over the box here in south africa in my son's name joel r. rossman. be informed that the real content of the box was not disclosed. meanwhile, i want to travel out of south africa entirely with this money for investment in your country because of political and economic stability and for future benefit of my child. i want you to assist us claim this box from the security company and get the money into your private account in your country so that we can invest the money wisely. we have in mind to establish a rewarding investment and good relationship with you. concerning the money, we are prepared to give you reasonable percentage of 30% for your kind assistance. also, we have decided to set aside 5% of the total sum for expenses that might be incurred by the parties in the course of the transfer both locally and externally. for the interest of this business, do not hesitate to contact my son mr. joel r. rossman on the above e-mail address immediately you receive this message for more information and to enable us proceed towards concluding all our arrangements. no other person knows about this money apart from my son and i. we await your most urgent response. please we need your fax/phone numbers for easier communication. thanking you for your co-operation and god bless you. best regards, mrs. regina rossman. <http://xent.com/mailman/listinfo/fork>"

0010.2003-12-18.GP 1 re: hot topics: growing young NA
0010.2004-08-01.BG 1 " we ship to ur country for microsoft, adobe, norton charset = us-ascii "" >" " cheap softwares for you, all are original genuine! major titles from microsoft and adobe for rock bottom price! great bargain sale! variety discount softwares at wholesale cheap pricing! microsoft windows xp professional-my price:\$ 50; normal:\$ 299.00; you save\$ 249.00 adobe photoshop cs v 8.0 pc-my price:\$ 80; normal:\$ 609.99; you save\$ 529.99 microsoft office xp professional-my price:\$ 100; normal:\$ 499.95; you save\$ 399.95 adobe acrobat v 6.0 professional pc-my price:\$ 100; normal:\$ 449.95; you save\$ 349.95 microsoft office 2003 professional-my price:\$ 80; normal:\$ 499.95; you save\$ 419.95 norton antivirus 2004 professional-my price:\$ 15; normal:\$ 69.95; you save\$ 54.95 coreldraw graphics suite v 12 pc-my price:\$ 100; normal:\$ 349.95; you save\$ 249.95 adobe page maker v 7.0 pc-my price:\$ 80; normal:\$ 599.95; you save\$ 519.95 we do have full range softwares--macromedia, mc-afree, adobe, coreldraw, microsoft, nero, pinnacle systems, powerquest, redhat, riverdeep, roxio, symantec, 321 studio 52 more popular titles for you>> click here for 52 more titles we ship to all countries including africa, finland & etc.. as where u located wonder why our prices are unbelievably low? we are currently clearing our goods at incredibly cheap sale-price in connection with the shutdown of our shop and the closure of the stockhouse. don't miss your lucky chance to get the best price on discount software! we are the authorized agent and an established reseller offering oem licensing software. we possess all the necessary certificates issued to verify the authenticity of genuine oem products and granting the right for us to resell oem software products. super cheap

micros 0 ft, adobe & all kinds.. cliக்க here to enjoy our superb discount!
take me down "

0011.1999-12-14.farmer 0 king ranch " there are two fields of gas that i am having difficulty with in the unify system. 1. cage ranch-since there is no processing agreement that accomodates this gas on king ranch, it is my understanding hpl is selling the liquids and king ranch is re-delivering to stratton. it is also my understanding that there is a .05 cent fee to deliver this gas. we need a method to accomodate the volume flow on hpl at meter 415 and 9643. this gas will not be reflected on trans. usage ticket # 123395 and # 95394 since it is not being nominated from a processing agreement. we either, need to input a point nom (on hpl or krgp) at these meters to match the nom at meter 9610, or a deal for purchase and sale (if king ranch is taking title to the gas) needs to be input into sitara at these meters with the appropriate rate. i have currently input a point nom on krgp to accomodate this flow, so we can divert some of this gas to the current interstate sales that are being made. 2. forest oil-there is a processing agreement that will accomodate flow from the meter (6396) into king ranch. it is my understanding that this agreement was originally setup until texaco had their own processing agreement. i need confirmation that the gas from this meter should be nominated on contract # (96006681) and that this agreement should have been reassigned to hplc. (it is currently still under hplr). if this gas is not nominated on the above transport agreement, then once again we need to accomodate the flow volume on the hpl pipe with either a point nom or a sitara deal at meters 415 and 9643."

0011.2001-06-28.SA_and_HP 1 " urgent business proposal," " mrs. regina rossman. # 263 sandton city johannesburg, south africa. e-mail: joe1_rosel@mail.com attn: alhaji with due respect, trust and humility, i write you this proposal, which i believe, would be of great interest to you. i am mrs. regina rossman, the wife of late mr. joseph rossman of blessed memory, before forces loyal to major johnny paul koromah killed my husband; he was the director general of gold and mining corporation (g. d. m. c.) of sierra leone. my husband was one of the people targeted by the rebel forces. on the course of the revolution in the country, prominent people were hijacked from their homes to an unknown destination. two days before his death, he managed to sneak a written message to us, explaining his condition and concerning one trunk box of valuables containing money, which he concealed under the roof. he instructed me to take our son and move out of sierra leone, immediately to any neighboring country. the powerful peace keeping force of the (ecomm) intervened to arrest the situation of mass killings by the rebels, which was the order of the day. eventually, it resulted into full war, i became a widow overnight, helpless situation, without a partner at the moment of calamity, and every person was running for his life. my and i managed to escape to south africa safely with the box and some documents of property title. the cash involved inside the box was us\$ 30 million (thirty million united states dollars). due to fear and limited rights as a refugee, i deposited the items with a private security company in order not to raise an eyebrow over the box here in south africa in my son's name joel r. rossman. be informed that the real content of the box was not disclosed. meanwhile, i want to travel out of south africa entirely with this money for investment in your country because of political and economic stability and for future benefit of my child. i want you to assist us claim this box from the security company and get the money into your private account in your country so that we can invest the money wisely. we have in mind to establish a rewarding investment and good relationship with you. concerning the money, we are prepared to give you a reasonable percentage of 30% for your kind assistance. also, we have decided to set aside 5% of the total sum for expenses that might be incurred by the parties in the course of the transfer both locally and externally. for the int

erest of this business, do not hesitate to contact my son mr. joel r. rossman on the above e-mail address immediately you receive this message for more information and to enable us proceed towards concluding all our arrangements. no other person knows about this money apart from my son and i. we await your most urgent response. please we need your fax/phone numbers for esiear communication. thanking you for your co-operation and god bless you. best regards, mrs. regina rossman. <http://xent.com/mailman/listinfo/fork>"

0011.2001-06-29.SA_and_HP 1 your membership exchange " content-type: text/plain; charset = iso-8859-1 your membership exchange, issue # 423 (june 28,2001) your place to exchange ideas, ask questions, swap links, and share your skills! you are a member in at least one of these programs - you should be in them all! bannersgomlm.com profitbanners.com cashpromotions.com mysiteinc.com timshometownstories.com freelinksnetwork.com myshoppingplace.com bannerco-op.com putpeel.com putpeel.net sellinternetaccess.com be-your-own-isp.com seventhpower.com today's special announcement: i'll put your ad on 2,000 sites free! free this week only, just for our subscribers! learn the secrets of marketing online on this global free teleseminar. limited lines available, only three time slots available... reserve today. you will not be disappointed! i'll be your personal host. we operate several sites, all successful. i'll teach you what to do and how to do it! click here: free teleseminar michael t. glaspie-founder we apologize for any technical problems you may have had with our last mailing, we are working hard to ensure that such problems will not occur again. in this issue: >>q & a questions: -using pictures as links? answers: -unblocking sites so i can access? z. oconan: access using a proxy g. bendickson: using a proxy to visit blocked sites >>member showcases >>member * reviews * -sites to review: # 124, # 125 & # 126! -site # 123 reviewed! -vote on your favorite website design! >>>>>> questions & answers do you a burning question about promoting your website, html design, or anything that is hindering your online success? submit your questions to myinputare you net savvy? have you learned from your own trials and errors and are willing to share your experience? look over the questions each day, and if you have an answer or can provide help, post your answer to myinput@aeopublishing.com be sure to include your signature file so you get credit (and exposure to your site). questions: from: moviebuff@cliffhanger.com subject: using pictures as links i'm changing my website and want to use pictures for the links to other pages. but, someone told me i should still put a'click here'underneath all the pictures. to me, this removes all purpose of using the pictures. how can i get across that you click on the pictures to get to other pages without coming right out and saying so? for example, i have a page with actor and actress information and just want to have a picture of my favorite stars to click on and change the picture every couple of days. mark moviebuff@cliffhanger.com answers: from: zaak-zaako@linkpaks.com subject: access using a proxy > from: cj (cj 5000@post.com) > subject: unblocking sites so i can access? (issue # 422) --> i am currently living in a place where the isp is blocking 50% of the web. i was told by someone that you can unblock these web sites by using a proxy, but i don't know what that means. i am wondering is there a way to get access to these sites?-- a proxy is easy to use if you use someone else's, they can be tricky to setup yourself. i have had very good results with surfola. basically you surf to their servers and then from there you surf through/from their servers. i have several places i surf from that block content. surfola easily bypasses them! its also free! you can also make money with them but i just use them to bypass anal retentive isp/corporate providers and because they allow me to surf anonymously! i have a detailed right-up on them at <http://linkpaks.com/paidtosurf/surfola.php> see there for more info. if anything is not clear feel free to ask. (email & sign-up links on <http://linkpaks.com/paidtosurf/surfola.php> page) zaak oconan netrepreneur <http://linkpaks.com>

com-surf & earn guides [http:// linktocash. com](http://linktocash.com)-internet businesses for under \$ 100 [http:// iteam. ws](http://iteam.ws)-the hottest product on the net today + + + + next an swer-same question + + + + from: wyn publishing-wynpublishing@iname. com s ubject: using a proxy to visit blocked sites > from: cj (cj 5000 @ post. com) > subject: unblocking sites so i can access? (issue # 422) cj, two such si tes that allows proxy surfing are: [http:// www. anonymise. com](http://www.anonymise.com) and [http:// w ww. anonymizer. com](http://www.anonymizer.com). however, if you cannot get to that site then obviously i t will not work. also note, that if your isp is dictating to you which sites you may or may not visit, then it is time to change providers! gregory bend ickson, wyn publishing over 28 free traffic exchange services reviewed in a fu lly customizable e-book. download yours free and get multiple signups while learning the art of free web traffic! [http:// www. trafficmultipliers. com](http://www.trafficmultipliers.com) >>>>>> website showcases examine carefully-those with email addresses inclu ded will trade links with you, you are encouraged to contact them. and, there are many ways to build a successful business. just look at these successful sites/programs other members are involved in... "" it's the most d-a-n-g-e-r -o-u-s book on the net "" email 20,000 targeted leads every single day! slash your time online to just 1-2 hours daily! build 11 monthly income streams p romoting one url! start building your business- not everyone elses! [http:// w ww. roibot. com/w. cgi? r 8901_bd_shwc](http://www.roibot.com/w.cgi?r8901_bd_shwc) is your website getting traffic but no t orders? profile, analyze, promote, and track your site to get the results you want. fully guaranteed! free trial available! [http:// www. roibot. com/ w. cgi? r 4887_saa](http://www.roibot.com/w.cgi?r4887_saa) over 7168 sites to place your free ad! get immediate free exposure on thousands of sites. plus two free programs that will automatical ly type your ad for you! pay one time, promote all the time. if you have a p roduct, service, opportunity and/or quality merchandise that appeals to peopl e worldwide, reach your target audience! for a fraction of what other large newsletters charge you can exhibit your website here for only\$ 8 cpm. wh y?... because as a valuable member we want you to be successful! order today -exhibits are limited and published on a first come, first serve basis. htt p:// bannersgomlm. com/ezine >>>>>> member * reviews * visit these sites, l ook for what you like and any suggestions you can offer, and send your critiq ue to myinput@aeopublishing. com and, after reviewing three sites, your web site will be added to the list! it's fun, easy, and it's a great opportunity to give some help and receive an informative review of your own site. plus, you can also win a chance to have your site chosen for a free website redesi gn. one randomly drawn winner each month! sites to review: site # 124: htt p:// www. bestwaytoshop. com dale pike rhinopez@aol. com site # 125: htt p:// www. wedeliverparties. com dawn clemons dclemons7@home. com site # 126: [http:// www. eclassifiedshq. com](http://www.eclassifiedshq.com) carol cohen opportunity@aol. com s ite reviewed: comments on site # 123: [http:// netsbestinfo. homestead. com/nb i. html](http://netsbestinfo.homestead.com/nbi.html) dennis damorganjr@yahoo. com ~ ~ ~ ~ i reviewed site 123 and fou nd the size of the font to be too aggressive and i don't like mustard yellow for a background. also in the second or third paragraph is a misspelled word which should be "" first-come "" not as shown on the page. i feel a sample of the type of information offered in the newsletter should be displayed on the page as well as a sample of the free ads offered on the site. i will pro bably submit a free ad just to see the content of the newsletter. as has been mentioned many times, some information about the person doing the page is al ways good. we need some information about why this newsletter will be worthwh ile to subscribe to. ~ ~ ~ ~ dennis-i took a look at your site, and have rec ommendations for improving your page. 1-i use internet explorer and view web pages with my text size set to ' smaller'. the text you used was quite larg e, like a font used for a heading for all the text. by making the text size s maller it wouldn't feel like you were screaming at me. also, the background w as just too much. 2-there were spelling errors in the text. often it might be difficult for you to spot these yourself if you see the page all the time, b

ut have a friend look it over. spelling errors make the page look unprofessional. 3-offer a sample of your newsletter so people can see what it looks like before they subscribe. also, if you are asking for a person to give you their email address, you must have a privacy policy and let them know they can unsubscribe. 4-think about adding a form for people to subscribe to the newsletter. it looks more professional than just offering an email address to send to. 5-offer information about yourself, and the kinds of information your newsletter contains. maybe extend your site to include back issues or an archive to see what information you have offered in the past. 6-build another page for 'sponsoring info' and put prices on that page. remove all pricing information from the home page. ~ ~ ~ ~ i feel that the background is a little too bold and busy for the text. i also believe that the text is too large which makes it difficult to read quickly, and forces the reader to scroll down unnecessarily. i noticed some spelling errors, and i think that a link to the classifieds site should be provided, and online payments should be accepted. a site that sells advertising should have advertisements on it! ~ ~ ~ ~ this is a very clear site with nothing interfering with the message. i did not like the background colour, however that is personal, it did not detract from the information. i was tempted to sign up for the newsletter but would have liked a link to see a current issue. there was an error in the wording (a word missed) which needs correction and i think the fonts could be smaller. overall a non-confusing site which makes a nice change. * cheers * ~ ~ ~ ~ could use a better background and the fonts are very large, there also are errors in the following paragraphs: "" first com-first serve "" and "" to place a sponsor advertisement, send your to my email "" ~ ~ ~ ~ a single page site. it is necessary to subscribe to the webmaster's newsletter to see what he's doing, and it doesn't seem to me to be a way to get people to visit. i wouldn't, for example. he claims to have lots of tidbits of information that, he says, we probably didn't know, and this is possible, but in my opinion, he would be better served if he at least put some of the things out there for all to see -when the appetite, so to speak, if he want people to subscribe. as it is, i would not bother. ~ ~ ~ ~ what does one expect from a site like netsbestinfo? some useful resources and some useful tips and also some forms of easy advertisement on the net. but what we get here is a newsletter with the owner (whose email reads damorgarjr@yahoo.com) asking us to subscribe us to his newsletter for a free 4-line ad. he also tells of paid category of advertisements. this is all we get from a site which has a grand title. even the information about the newsletter is hardly impressive and is presented in about 35-to-40 points size which gets difficult to read. ~ ~ ~ ~ a neat enough site but the background could be a little hard on the eyes. there is only really one problem with this page-its just an advertisement for a newsletter. no, scratch that, its an advertisement to place free ads in a newsletter. a bold enough move perhaps but i learned hardly anything about the newsletter itself and immediately started worrying about getting a flood of ads to my email account so i didn't even subscribe. presumably you'd want to get people to sign up so might i suggest splitting the page into the newsletter itself, perhaps a sample issue, a privacy policy and a promise not to drown in ads and then click for more info on your free ads.

_____ vote on your favorite website design! help out the winner of the free website redesign by voting for your favorite! you can help out teddy at links4profit.com by taking a look at his site, then checking out the three new layouts jana of akkabay designs akkabay.com has designed specifically for him. after you've visited all three, vote for your favorite. to make this as easy as possible for you, just click on the e-mail address that matches your choice-you do not need to enter any information in the subject or body of the message. i have included a note from jana, and the links to teddy's current site along with the three new designs: > from jana: the pages have been cre

ated as non-frame pages although with minor modification, the pages could be adapted for use in a frames environment please take a look at the existing site: [http:// www. links 4 profit. com](http://www.links4profit.com) here are the 3 redesigns: vote for this design: design1 @ aeopublishing. com vote for this design: design 2 @ aeopublishing. com vote for this design: design 3 @ aeopublishing. com you will have all of this week to vote (through june 29), and we'll list the favorite and most voted for layout next week. teddy of course will be able to choose his favorite, and colors, font style/size, backgrounds, textures, etc, can all easily be changed on the "" layout "" that he likes. free website re-designs and original graphics are provided to fln showcase winners courtesy of akabay designs. [http:// akkabay. com](http://akkabay.com) if you have any questions about how this works or how you can participate, please email amy at moderator moderator: amy mossel posting: myinput @ aeopublishing. com send posts and questions (or your answers) to: myinput @ aeopublishing. com please send suggestions and comments to: moderator @ aeopublishing. com to change your subscribed address, send both new and old address to moderator @ aeopublishing. com see below for unsubscribe instructions. copyright 2001 aeopublishing -----end of your membership exchange this email has been sent to jm @ netnoteinc. com at your request, by your membership newsletter services. visit our subscription center to edit your interests or unsubscribe. [http:// ccprod. roving. com/ roving/d. jsp? p = oo & id = bd 7 n 7877. a 4 dfur 67 & m = bd 7 n 7877 charse t = iso-8859-1](http://ccprod.roving.com/roving/d.jsp?p=oo&id=bd7n7877.a4dfur67&m=bd7n7877charget=iso-8859-1) your membership exchange, issue # 423 june 28,2001 this email was sent to jm @ netnoteinc. com, at your request, by your membership newsletter services. visit our subscription center to edit your interests or unsubscribe. view our privacy policy. powered by "

0011.2003-12-18.GP 1 sup. er cha. rge your m. an hood today jvbe kfbtyra xes " hello, generic and super viagra (cialis) available online! most trusted online source! cialis or (super viag) takes affect right away & lasts 24-36 hours! for super viagra click here generic viagra costs 60% less! save a lot of money. for viagra click here both products shipped discretely to your door not interested? dycmpf s uuz biwven"

0011.2004-08-01.BG 1 dicine site on the net. " hello! nothing sharpens sight like envy. nature should have been pleased to have made this age miserable, without making it also ridiculous. searching for medication on the net? milestone anheuser we `ve got anything you will ever want. pibrochs treasonous free claiis sample with any order! arthur convincible tithable pilocystic initializes there are only two ways of getting on in the world: by one's own industry, or by the stupidity of others. my conscience aches but it's going to lose the fight. peace is the first thing the angels sang."

0012.1999-12-14.farmer 0 re: entex transistion " thanks so much for the memo. i would like to reiterate my support on two key issues: 1). thumbs up of luck on this new assignment. howard has worked hard and done a great job! please don't be shy on asking questions. entex is critical to the texas business, and it is critical to our team that we are timely and accurate. 2). rita: thanks for setting up the account team. communication is critical to our success, and i encourage you all to keep each other informed at all times. the p & l impact to our business can be significant. additionally, this is high profile, so we want to assure top quality. thanks to all of you for all of your efforts. let me know if there is anything i can do to help provide any additional support. rita wyne 12/14/99 02:38:45 pm to: janet h wallis/hou/ect @ ect, ami chokshi/corp/enron @ enron, howard b camp/hou/ect @ ect, thuy nguyen/hou/ect @ ect, kyle r lilly/hou/ect @ ect, stacey neuweiler/hou/ect @ ect, george grant/hou/ect @ ect, julie meyers/hou/ect @ ect cc: daren j farmer/hou/ect @ ect, kathryn cordes/hou/ect @ ect, rita wyne/hou/ect, lisa csikos/hou/ect @ ect, brenda f herod/hou/ect @ ect, pamela chambers/corp/enron @ enron subject: entex transistion the purpose of the email is to recap the kickoff meeting held on yesterday with members from commercial and volume mana

gment concernig the entex account: effective january 2000, thu nguyen (x 3715 9) in the volume managment group, will take over the responsibility of allocating the entex contracts. howard and thu began some training this month and will continue to transition the account over the next few months. entex will be thu's primary account especially during these first few months as she learns the allocations process and the contracts. howard will continue with his lead responsibilities within the group and be available for questions or as a backup, if necessary (thanks howard for all your hard work on the account this year!). in the initial phases of this transistion, i would like to organize an entex "" account "" team. the team (members from front office to back office) would meet at some point in the month to discuss any issues relating to the scheduling, allocations, settlements, contracts, deals, etc. this hopefully will give each of you a chance to not only identify and resolve issues before the finalization process, but to learn from each other relative to your respective areas and allow the newcomers to get up to speed on the account as well. i would encourage everyone to attend these meetings initially as i believe this is a critical part to the success of the entex account. i will have my assistant to coordinate the initial meeting for early 1/2000. if anyone has any questions or concerns, please feel free to call me or stop by. thank s in advance for everyone's cooperation..... julie-please add thu to the confirmations distributions list"

0012.1999-12-14.kaminski 0 re: new color printer " monday will be perfect! location-eb1 944 b r. c. 0011 co. # 100038 thanks kevin moore -----forwarded by kevin g moore/hou/ect on 12/14/99 10:44 am----- enron technology from: lyn malina 12/14/99 09:22 am to: kevin g moore/hou/ect @ ect cc: subject: re: new color printer i will order today for delivery on monday, unless you need faster delivery. please advise co/rd to charge against. thanks lyn kevin g moore 12/14/99 09:21 am to: lyn malina/hou/ect @ ect cc: subject: re: new color printer -----forwarded by kevin g moore/hou/ect on 12/14/99 09:17 am----- kevin g moore 12/14/99 08:13 am to: vince j kaminski/hou/ect @ ect, mike a roberts/hou/ect @ ect cc: subject: re: new color printer yes! right away, please also let me know the e. t. a. thanks, lyn kevin moore"

0012.2000-01-17.beck 0 global risk management operations " sally, congratulations. -----forwarded by cindy olson/corp/enron on 01/17/2000 09:07 pm----- from: rick causey 01/17/2000 06:04 pm sent by: enron announcements to: all enron worldwide cc: subject: global risk management operations recognizing enron , s increasing worldwide presence in the wholesale energy business and the need to insure outstanding internal controls for all of our risk management activities, regardless of location, a global risk management operations function has been created under the direction of sally w. beck, vice president. in this role, sally will report to rick causey, executive vice president and chief accounting officer. sally , s responsibilities with regard to global risk management operations will mirror those of other recently created enron global functions. in this role, sally will work closely with all enron geographic regions and wholesale companies to insure that each entity receives individualized regional support while also focusing on the following global responsibilities: 1. enhance communication among risk management operations professionals. 2. assure the proliferation of best operational practices around the globe. 3. facilitate the allocation of human resources. 4. provide training for risk management operations personnel. 5. coordinate user requirements for shared operational systems. 6. oversee the creation of a global internal control audit plan for risk management activities. 7. establish procedures for opening new risk management operations offices and create key benchmarks for measuring on-going risk controls. each regional operations team will continue its direct reporting

relationship within its business unit, and will collaborate with sally in the delivery of these critical items. the houston-based risk management operations team under sue frusco's leadership, which currently supports risk management activities for south america and australia, will also report directly to sally. sally retains her role as vice president of energy operations for enron north america, reporting to the ena office of the chairman. she has been in her current role over energy operations since 1997, where she manages risk consolidation and reporting, risk management administration, physical product delivery, confirmations and cash management for ena's physical commodity trading, energy derivatives trading and financial products trading. sally has been with enron since 1992, when she joined the company as a manager in global credit. prior to joining enron, sally had four years experience as a commercial banker and spent seven years as a registered securities principal with a regional investment banking firm. she also owned and managed a retail business for several years. please join me in supporting sally in this additional coordination role for global risk management operations."

0012.2000-06-08.lokay 0 what do you want to know today? " " a man with a new idea is a crank until he succeeds. " -mark twain innovation, itself, is nothing new. the word comes to us from the latin innovatus, which is a good indication of how long the concept has been around. people have been searching for the " next big thing " for thousands of years. we have quite a tradition of innovation here at enron. although consistent innovation may sound like an oxymoron, we pride ourselves on consistently outpacing our peers with innovative ideas. how do you think enron can maintain its edge into the new century? what will be our " next big thing? " put your best foot forward, visit emeet and share your ideas in " creativity and innovation " that will keep enron at the top."

0012.2001-02-09.kitchen 0 travel " i will be out of the office this afternoon (friday) until wednesday night. (i will be available on my cell phone 713 306-6207) if you have any questions please feel free to contact my team for questions. i have been " cross training " both individuals so that we can be more effective in addressing var and trade related questions. thanks, frank bharat khanna (gas) ext. 54804 lacrecia davenport ext. 35782"

0012.2003-12-19.GP 1 NA great specials today on: tramadol p hentermine 30 mg 60 more products to choose from. [http:// wsc. settingt 5. c om/fp](http://wsc.settingt5.com/fp)

0013.1999-12-14.farmer 0 entex transistion " the purpose of the email is to recap the kickoff meeting held on yesterday with members from commercial and volume management concerning the entex account: effective january 2000, thu nguyen (x 37159) in the volume management group, will take over the responsibility of allocating the entex contracts. howard and thu began some training this month and will continue to transition the account over the next few months. entex will be thu's primary account especially during these first few months as she learns the allocations process and the contracts. howard will continue with his lead responsibilities within the group and be available for questions or as a backup, if necessary (thanks howard for all your hard work on the account this year!). in the initial phases of this transistion, i would like to organize an entex " account " team. the team (members from front office to back office) would meet at some point in the month to discuss any issues relating to the scheduling, allocations, settlements, contracts, deals, etc. this hopefully will give each of you a chance to not only identify and resolve issues before the finalization process, but to learn from each other relative to your respective areas and allow the newcomers to get up to speed on the account as well. i would encourage everyone to attend these meetings initially as i believe this is a critical part to the success of the entex account. i will have my assistant to coordinate the initial meeting for early 1/2000. if anyone has any questions or concerns, please feel free to call me

e or stop by. thanks in advance for everyone's cooperation..... julie-
please add thu to the confirmations distributions list"

0013.1999-12-14.kaminski 0 re: new color printer " this is the
color printer that is being ordered. here is the info. that i needed. thank
s kevin moore -----forwarded by kevin g moore/hou/ect on 1
2/14/99 08:19 am----- enron technology from: lyn mali
na 12/14/99 08:09 am to: kevin g moore/hou/ect @ ect cc: subject: re: new c
olor printer kevin: the color printer we currently order is the 4500 n for\$
2753. 00. please let me know if this is the one you would like to order. th
anks lyn kevin g moore 12/14/99 06:29 am to: lyn malina/hou/ect @ ect cc:
subject: new color printer -----forwarded by kevin g moor
e/hou/ect on 12/14/99 06:29 am----- kevin g moore 12/
14/99 06:27 am to: shirley crenshaw/hou/ect @ ect, vince j kaminski/hou/ect @
ect, mike a roberts/hou/ect @ ect cc: subject: new color printer we are i
n need of a new color printer. we are also in the process of moving to the 19
th floor. we need the color printer a. s. a. p. if you would please, i need
information concerning this matter whereby, we can get the printer ordered a
nd delivered to our new location. thanks kevin moore"

0013.2001-04-03.williams 0 re: monday blues " good mornin
g. i'm glad to hear that you are having a better day today. me, too so far. ye
ah, i stayed last night until like 7:45 and finished up that stuff with mike e
tringer. so today should be a bit more chill for me which is awesome. anyhow,
i hope nothing blows up over there for you. maybe we can go to get some coffe
e later or something. did you end up going out last night for some beers? i wa
tched alli mcbeal and ate dinner. it was pretty exciting."

0013.2001-06-30.SA_and_HP 1 your membership community charset = i
so-8859-1 " your membership community & commentary (june 29,2001) it's
all about making money information to provide you with the absolute best lo
w and no cost ways of providing traffic to your site, helping you to capitali
ze on the power and potential the web brings to every net-preneur. ---this is
sue contains sites who will trade links with you!--- ----- in this i
ssue ----- 32 easy ways to breath new life into any webpage member
showcase are you ready for your 15 minutes of fame? win a free ad in commun
ity & commentary | | | ==--==--==--==--==--==--==--==-->> today's special
announcement: | | | ==--==--==--==--==--==--==--==-->> we can help you b
ecome an internet service provider within 7 days or we will give you\$ 100. 0
0!! click here we have already signed 300 isps on a 4 year contract, see if
any are in your town at: click here you are a member in at least one of the
se programs -you should be in them all! bannersgomlm.com profitbanners.co
m cashpromotions.com mysiteinc.com timshometownstories.com freelinksnet
work.com myshoppingplace.com bannerco-op.com putpeel.com putpeel.net
sellinternetaccess.com be-your-own-isp.com seventhpower.com ==--==--==--
==--==--==--==--==--== 32 easy ways to breath new life into any webpage ==
==--==--==--==--==--== it's true. ask the ceos of yahoo. com and
america online. they'll tell you it's true. send an email to terry dean or a
llen says or jim daniels and ask them about it. they'll agree 100% that it's
true. don't just take my word for it. in fact, you can contact any of the 1
0,000 folks online selling web marketing resources, and they will all tell yo
u emphatically, without question, no doubts whatsoever, that it is absolutel
y true. it's true. anyone can earn a living online. really, they can. but, i
t takes several very important components to join the 5% who are successful o
n the web. one of those necessities is a website. now, your website does one
of two things... ... it either makes the sale, or it doesn't. for 95% of on
line businesses, their websites simply do not produce results. and there is
a very simple reason for poor performance. poor sales letters. does your we
bsite convince people to make a purchase? if not, here are 32 easy ways to br
eathe new life into your sales letter... 1) write your sales letter with an

individual in mind. go ahead and pick out someone, a real person to write your sales letter to. doesn't matter if it is grandma or your next door neighbor or your cat. write your sales letter just like you are writing it to them personally. why? because when your potential customer reads, it then it will seem personal, almost like you wrote it with them in mind. too often, sales letters are written as if they were going to be read to an audience rather than one person. keep your sales letters personal, because one person at a time is going to read them. 2) use an illustration to get your point across. in my sales letters i have told stories about my car stalling on the side of the road to illustrate the idea that we must constantly add the fuel of advertising to keep our businesses running. i have compared the hype of easily making millions online to the chances of me riding bareback across montana on a grizzly bear. leads have read of how getting to the top of an oak tree relates to aggressively marketing online. people love a good story that pounds home a solid message. tell stories that illustrate a point you are trying to make. emphasize a benefit by sharing an account from the "real world." it effectively creates interest and further establishes the point. 3) create an interest in the reader from the very first line. your first line of the sales letter should immediately create a desire in the reader to want to know more. go back to the beginning of this article. the first words were, "it's true." i can guarantee you that either consciously or subconsciously you thought "what's true?" immediately, your mind wanted to know what i was talking about. before you even knew it you were right here, 8 paragraphs into this article. carefully craft your first line. if you can immediately get them wanting to know more, you've got a winner. 4) use bullets. people spend a lot of time reading bulleted lists. in fact, they often reread them over and over. use bulleted lists to stress the benefits of your product or service, to spell out exactly what is included in your offer. use an extra space in between each bullet to really highlight each line and create a sense of more length to the list. 5) launch into a bullet list immediately. shortly after your opening line, immediately give the reader a bullet list of benefits to absorb. hit them with your best shot. pull out the big guns and stress "just a few of the most important things the reader will discover. by offering a killer list early in your sales letter, you will automatically create a desire in the reader to continue through your ad copy. after all, if they are already interested after the first list of benefits, they will certainly be open to finding out even more reasons why your product or service will aid them. 6) just let it all flow out. write down everything that enters your mind as you are writing your sales letter. you can edit it later. if you just sit and start writing everything you know about your product or service and how it will benefit your customer, you will be amazed at how much information floods your mind. write it all down. then read through it-you'll be able to add a lot more detail to many of the points. edit it after you have exhausted all of your ideas. 7) make your sales letter personal. make sure that the words "you" and "your" are at least 4: 1 over "i" and "my." your ad copy must be written about your customer not yourself. i'm not sure how the old advertising adage goes, but it's something like this, "i don't care a thing about your lawn mower, i just care about my lawn." leads aren't interested in you or your products, they are interested in themselves and their wants and needs. when you are finished with your sales letter and have uploaded it to a test webpage, run a check at <http://www.keywordcount.com> and see what the ratio between "you" and "your" versus references to "i," "me," "my," etc. it's a free service. make sure it's at least 4: 1 in favor of the customer. 8) write like you speak. forget all of those rules that your grammar teacher taught you. write your sales letters in everyday language, just like you would talk in person. don't be afraid to begin sentences with "and" or "because." don't worry about ending a sentence

ce with a preposition. write like you speak. your sales letter isn't the great american novel, so don't write it like you are ernest hemingway. 9) use short paragraphs consisting of 2-4 sentences each. long copy works... but long paragraphs do not. use short paragraphs that lead into the next paragraph. don't be afraid to use short sentences. like this one. or this. see what i mean? shorter paragraphs keep the interest of the reader. longer paragraphs cause eye strain and often force the reader to get distracted. 10) stress the benefits, not the features. again, readers want the burning question answered, "" what's in it for me? "" what need is it going to meet? what want is it going to fill? how is your product or service going to be of value or benefit to the reader? spell it out. don't focus on the features of your product or service, but rather how those features will add value to the life of your reader. for example: if you are selling automobile tires, you may very well have the largest assortment of tires in the world, but who cares? i don't care about your selection. but, i do care about keeping my 3-month-old baby girl safe while we are traveling. so, instead of focusing on your selection, you focus on the fact that my baby girl can be kept safe because you have a tire that will fit my car. you're not selling tires, you're selling safety for my family. stress the benefits, not the features. 11) keep the reader interested. some sales letters read like they are a manual trying to explain to me how i can perform some complicated surgery on my wife. they are filled with words and phrases that i need a dictionary to understand. unless you are writing to a very targeted audience, avoid using technical language that many readers might not understand. keep it simple, using words, language and information that are easy to understand and follow. 12) target your sales letter. when you are finished with your final draft of the sales letter, target it to a specific audience. for example: if you are selling a "" work at home "" product, then rewrite the sales letter by adding words in the headlines and ad copy that are targeted towards women who are homemakers. then, rewrite the same sales letter and target it to college students. write another letter targeting senior citizens. still another could be written to high school teachers wanting to earn extra income during summer vacation. the possibilities are endless. all you need to do is add a few words here and there in your ad copy to make it appear that your product or service is specifically designed for a target audience. "" work only 5 hours a week, "" would become "" college students, work only 5 hours a week. "" your sales letter is now targeted. upload all of the sales letters to separate pages on your website (you could easily target 100's of groups). then, simply advertise the targeted pages in targeted mediums. you could advertise the "" college students "" page in a campus ezine. the "" senior citizens "" page could be advertised at a retirement community message board. by creating these targeted sales letters, you can literally open up dozens of new groups to sell your existing product to. and, in their eyes, it looks like the product was a match made for them. 13) make your ad copy easy to follow. use short sentences and paragraphs. break up the sales letter with attention grabbing headlines that lead into the next paragraph. one thing that i have always found to work very well in sales letters... is to use a pause like this. start the sentence on one line, leaving the reader wanting to know more, and then finishing up on the next line. also, if you are going to use a sales letter that continues on several different pages of your website, use a catchy hook line at the end of each page to keep them clicking. "" let's get you started down the road to success, shall we? click here to continue. "" 14) use similes and metaphors for effect. when the customer purchases your product, they will generate "" a flood of traffic that would make noah start building another ark. "" if they do not order today, then they will "" feel like a cat that let the mouse get away. "" use words to create a picture in the readers' mind. when you think of superman, what comes to mind? immediately, we remember that he is "" faster than a speedi

ng bullet. "" "" more powerful than a locomotive. "" "" able to leap tall buildings in a single bound. "" see how word pictures stick in our minds? 15) focus on one product or service. don't try to sell your customer multiple products at the same time. it only confuses the reader. keep your ad copy directed at one specific product or service. then, use other products and services as back-end products. 16) make it stand out. don't kid yourself. there are hundreds, maybe thousands out there on the web doing the same thing you are doing. how will you stand out among the crowd? your sales letter must inject personality. it must breathe of originality. your product or service is different. it's not like all of the rest. it is unique. right? your sales letter must separate you from the competition. it must create a feeling of "" you won't find this anywhere else. "" 17) be believable. "" earn\$ 54,000 in the next 24 hours!!! "" delete. good grief, do they think i am an idiot or something? get real. don't make outrageous claims that are obviously not the truth. you'll ruin your reputation. let me tell you a simple universal fact that cannot be reversed. once you have been branded a liar, you will never be anything but a liar. it doesn't matter if you launch the most respectable, honest business available anywhere, people will always have doubt because they remember the crazy stuff you've said before. be believable. don't exaggerate, mislead, stretch or distort the truth. 18) be specific. don't generalize your information, but rather be exact. instead of "" over 100 tips for losing weight "" use "" 124 tips for losing weight. "" by generalizing information, it creates doubt and questions in the reader's mind. "" what am i really getting here? does he even know? "" when you use specific information, the reader begins to think, "" this person must have counted. i know exactly what i can expect. "" "" platitudes and generalities roll off the human understanding like water from a duck, "" wrote claud hopkins in his classic book "" scientific advertising. "" "" they leave no impression whatsoever. "" 19) be complete. tell the reader everything they would want to know about your product or service. answer all of their questions, anything they would want to consider before making a purchase. think about it from their point of view. ask yourself, "" why wouldn't i buy this? "" then, address that in your sales letter. remove anything that would keep the reader from making the purchase. 20) use testimonials to boost your sales. share actual excerpts from what your current customers are saying about your product or service. many websites have an entire section or even a separate page that has endorsements and compliments listed. satisfied customers remove some of the doubt in the mind of the reader. "" if these people have found a lot of value and benefit in the product, then i probably will too. "" especially effective are testimonials from respected, well known "" authorities "" within your target field. 21) use headlines over and over throughout the sales letter. a headline isn't just relegated to the beginning of your ad copy. use them frequently-but don't overuse. a well-placed headline re-grabs the reader's attention, brings them deeper into the letter, and readies them for the next paragraph. you will want to spend as much time working on your headlines as you do the entire sales letter. they are that important. 22) avoid asking stupid questions. "" wouldn't you like to make\$ 1,000, 000 a year? "" "" doesn't that sound great? "" "" would you like to be as successful as i am? "" avoid any question that insults the intelligence of your reader or makes them feel like they are inferior. 23) offer a freebie even if the customer doesn't buy. if the customer decides he or she isn't going to make a purchase, then you want to follow-up with them later to try to influence them to buy in the future. by offering a free item, you can request their email address in order to obtain the freebie. by doing this, you can now follow-up with the customer for a potential future sale. additionally, you can continue the sales process by having your ad copy, banners, flyers, etc. within the free item. and, of course, if your free item is a high quality, useful product or service which impresses the customer, the

y probably will be back as a customer soon. 24) use bonuses to overwhelm the reader. one of the things that i have found very effective in writing sales letters is to include bonus items that out-value the actual product i am offering. ginsu made this one famous. they were selling a set of steak knives, but before the commercial was finished, you had so many bonus items on the table it was hard to refuse. make sure you provide quality bonuses and not some worthless, outdated junk that damages the credibility of your main offer. 25) use connective phrases like "" but wait, there's more "" and "" but that's not all. "" these phrases effectively lead the reader from one paragraph to the next, particularly when the next paragraph is a bullet list of benefits, or leads into bonus items. again, the idea is more and more value and benefits to the reader. 26) always include a deadline. by including a deadline, you create a sense of urgency in the mind of the customer. "" if i don't order within 24 hours, then i won't get the bonuses. "" "" oh no, there are only 10 items remaining, i've got to hurry. "" let the customer know what they will be missing out on if they don't make the deadline. remember, they won't miss out on your products or bonuses, they will miss out on all of the benefits of your products. deadlines are very effective. every sales letter should have one. 27) tell them exactly how to order. be clear as to the order process. point them towards the order link. tell them what methods you offer. (i.e. credit cards, checks, etc.) make this process as simple and clear as can be. if it takes more than 2 steps, most people won't continue. 28) explain when the product will be delivered. how quickly will the order be processed? when will the order be available? let the customer know exactly what they can expect when they place their order. the more specific you can be here, the better. let them know that you have a system in place. "" operators are standing by. "" their order will be handled properly. tell them. 29) offer a money back guarantee. take away their last reason to hold back. offer a "" no questions asked "" 30 day guarantee. most people may not realize this, but in most cases, it's the law of the land. you are required to give them their money back if they are not satisfied with the product or service. since it's the law anyway, why not make it a benefit. let them know that they are purchasing your product or service risk-free. 30) instruct them to respond immediately. many people just need to read those words, "" act now! "" "" order today! "" "" click here to instantly place your order. "" you've got them this far, now tell them what you want them to do. get them to "" act fast! "" have you ever heard a mail order commercial on television that didn't prompt the viewer to order right way? 31) include a post script. people will always read the p. s. always. in fact, the p. s. is one of the most important parts of your sales letter. why? because in many cases the visitor at your website will scroll immediately down to the end of your page to see how much it is going to cost. a p. s. is a perfect place to recap your offer, so when they see your price tag, they will also see a very detailed description of what they will receive for their money. use your p. s. to restate your offer in detail. 32) include a second post script. you better believe if they read the first p. s., they will read a p. p. s. use this post script to remind them of the deadline or offer another bonus or point out some compelling factor that would make them want to order. i guarantee you they will read it. use these 32 tips and i guarantee you that you will see a significant increase in the amount of responses you receive from your sales letters. in fact, it would be impossible for your responses to not improve. copyright 2000 jimmy d. brown. all rights reserved worldwide. ----- about the author... jimmy d. brown is helping average people get out of the rat-race and earn a full-time living online. for more details on firing your boss and creating your own internet wealth, visit us right now at: * special offer: join the profits vault through the above link and email me your receipt and you can have a free bonus copy of the terrific manual-how to profit from fre

e ebooks guaranteed which i sell at: ===== member showcase ===== examine carefully-those with email addresses included will trade links with you... you are encouraged to contact them. there are many ways to build a successful business-just look at these successful sites programs other members are involved in... affiliates of the world! top rated affiliate programs, excellent business opportunities, great marketing resources and free advertising for you! visit the site to trade links. [http:// www. affiliates. uk. com](http://www.affiliates.uk.com) trade links-adrianbold @ affiliates. uk. com get insane amounts of traffic to your website. purchase 10,000 guaranteed visitors to your site and receive 5,000 free. more traffic = more money! less than 2 cents a visitor. space is limited. order now! [http:// www. freepicklotto. com](http://www.freepicklotto.com) trade links-businessopps @ aol. com celebration sale! \$ 99. 00 on casinos/sportsbetting sites, lingerie stores, gift stores, adult sites toy stores. mention ad # bmlm 99 to receive this special sale price. order now! [http:// www. cyberopps. com/? = bmlm 99](http://www.cyberopps.com/?=bmlm99) just been released!! internet marketing guru corey rudl has just released a brand new version of his # 1 best-selling internet marketing course, "" the insider secret's to marketing your business on the internet "". a must have! so don't hesitate, visit.. [http:// www. adminder. com/c. cgi? startbgmlmzine](http://www.adminder.com/c.cgi?startbgmlmzine) we have a 260 page catalog with over 3000 gift items for men, women, children-a gift for everyone. we show 100 gift items on our web site alone, with the catalog you have access to the rest. we also feel we have the best prices on the web. visit it at [http:// www. . net](http://www..net) trade links-georgel 932 me @ yahoo. com stop smoking-free lesson!! discover the secret to stopping smoking. to master these powerful techniques, come to [http:// www. breath-of-life. net](http://www.breath-of-life.net) for your free lesson. act now! p. s. tell someone you care about. trade links-jturco 3 @ hotmail. com if you have a product, service, opportunity or quality merchandise that appeals to people worldwide, reach your targeted audience! for a fraction of what other large newsletters charge you can exhibit your website here, and trade links for only\$ 8 cpm. compare that to the industry average of\$ 10-\$ 15 cpm. why?... because as a valuable member we want you to be successful! order today- showcases are limited and published on a first come, first serve basis. for our secure order form, click here: [http:// bannersgomlm. com/ezine](http://bannersgomlm.com/ezine) ===== are you ready for your 15 minutes of fame? ===== one of the items we would like to include in community commentary we'll need from you! here is your chance to showcase your marketing strategies, and i need to hear from everyone who would like to 'blow your own horn' and be in the spotlight on center stage. it's a great way to enjoy recognition and publicity for yourself and your business, and will allow all members to duplicate your success and avoid the same 'setbacks'. please include... a little background history, how you got your start, a problem you have had and how you solved it, your greatest success, and any advice you have for someone beginning to market online. send your information to submit @ aeopublishing. com > with 'center stage' in the subject block. ===== win a free ad in community & commentary ===== to keep this interesting, how about this, every month we'll draw a name from the replies and that person will win one sponsorship showcase ad in the community commentary, for free. that's a value of over\$ 700. 00! respond to each weekly survey, and increase your chances to win with four separate entries. question of the week (06/29/01)... no right or wrong answers, and just by answering you are entered to win a showcase ad-free! ~ ~ ~ what is the goal of your website? ~ ~ ~ sell mailto: one @ aeopublishing. com get leads mailto: two @ aeopublishing. com build branding mailto: three @ aeopublishing. com provide information mailto: four @ aeopublishing. com other mailto: five @ aeopublishing. com to make this as easy as possible for you, just click on the e-mail address that matches your answer-you do not need to enter any information in the subject or body of the

message. * * add your comments! follow directions above and add your comments in the body of the message, and we'll post the best commentaries along with the responses. you will automatically be entered in our drawing for a free sponsorship ad in the community commentary. please respond only one time per question. multiple responses from the same individual will be discarded. ===== to change your subscribed address, send both new and old address to submit see below for unsubscribe instructions. please send suggestions and comments to: editor i invite you to send your real successes and showcase your strategies and techniques, or yes, even your total bombs, "" working together we can all prosper. "" submit for information on how to sponsor your membership community commentary visit: sponsorship showcase copyright 2001 aeopublishing.com email: yourmembership2@aeopublishing.com voice: web: http://www.aeopublishing.com this email has been sent to jm@netnoteinc.com at your request, by your membership newsletter services. visit our subscription center to edit your interests or unsubscribe. http://ccprod.roving.com/roving/d.jsp?p=oo&id=bd7n7877.6w8clu67&m=bd7n7877 charset=iso-8859-1 in this issue 32 easy ways to breath new life into any webpage members showcase are you ready for your 15 minutes of fame? win a free ad in community & commentary today's special announcement: this email was sent to jm@netnoteinc.com, at your request, by your membership newsletter services. visit our subscription center to edit your interests or unsubscribe. view our privacy policy. powered by "

0013.2004-08-01.BG 1 take the reins " become your employer. substantial profit processing money judgments. from anywhere. control when you want to work. a substantial number of our members earn 5,000 us to 12,000 us per mo. outstanding customer support and assistance. here for more info while the couple were apparently examining the strange device, rob started to his feet and walked toward them the crowd fell back at his approach, but the man and the girl were so interested that they did not notice him he was still several paces away when the girl put out her finger and touched the indicator on the dial discontinue orange stad, and then mail stop 1. 200 b, followed by a rub a to rob's horror and consternation the big turk began to rise slowly into the air, while a howl of fear burst from the crowd but the boy made a mighty spring and caught the turk by his foot, clinging to it with desperate tenacity, while they both mounted steadily upward until they were far above the city of the desert the big turk screamed pitifully at first, and then actually fainted away from fright rob was much frightened, on his part, for he knew if his hands slipped from their hold he would fall to his death "

0014.1999-12-14.kaminski 0 re: new color printer " sorry, don't we need to know the cost, as well. -----forwarded by kevin g moore/hou/ect on 12/14/99 08:15 am----- kevin g moore 12/14/99 08:09 am to: shirley crenshaw/hou/ect @ ect, mike a roberts/hou/ect @ ect cc: subject: re: new color printer this information was also sent to it purchasing. i need to know what options we have and how soon it can be delivered. don't we need to know as well? before purchase. i also need a central location for this printer. thanks kevin moore sam mentioned hp 4500, i will check into it. -----forwarded by kevin g moore/hou/ect on 12/14/99 08:05 am----- shirley crenshaw 12/14/99 07:55 am to: kevin g moore/hou/ect @ ect cc: subject: re: new color printer kevin: what kind of information do you need? i thought you were going to look at some colored printer literature. sam seemed to be aware of a colored printer that might work for us. ask him. i don't think we need anything as big as "" sapphire "". it will be located in your area on the 19th floor. thanks! kevin g moore 12/14/99 06:27 am to: shirley crenshaw/hou/ect @ ect, vince j kaminski/hou/ect @ ect, mike a roberts/hou/ect @ ect cc: subject: new color printer we are in need of a new color printer. we are also in

the process of moving to the 19 th floor. we need the color printer a. s. a. p. if you would please, i need information concerning this matter whereby, we can get the printer ordered and delivered to our new location. thanks k evin moore"

0014.1999-12-15.farmer 0 1st rev dec. 1999 josey ranch nom " fyi
-----forwarded by susan d trevino/hou/ect on 12/15/99 08:40
am----- bob withers on 12/14/99 05:11:06 pm to: susan
d trevino/hou/ect @ ect cc: stretch brennan, kevin mclarney, "" taylor vanc
e (e-mail) "" subject: 1st rev dec. 1999 josey ranch nom susan: as we discus
sed, this change was missed but was discussed with you last week. i apologize
for the omission. i am checking with my field personnel and anticipate a fur
ther reduction (due to well production decreases) effective 12/15 which i wil
l send under a separate email for an "" intra-day "" change wednesday. her
e's revised december 1999 (effective 12/9/99) setup for josey: (using 1. 081
btu/mcf) * gas deliveries into hpl 12,300 mmbtu/d for kri (net reduction of
1,000 mmbtu/d) 12,300 mmbtu/d into hpl bob withers>< kcs energy, 5555 san
felipe, suite 1200 houston, tx 77056 voice mail/page 713-964-9434"

0014.2001-02-12.kitchen 0 " correction--conference call on tuesday, febr
uary 13 (800-229-028" " 1) ssb conference call tuesday, february 13,2001
2:00 pm est beyond california: the power however, the markets foretell stro
nger prices across the country in 2001. we continue to recommend the power pr
oducers, based on both our power price and spark spread analyses, which show
strengthening spark spreads in the united states, despite the record highs r
ecently seen in the natural gas markets. we highlight calpine, nrg energy, an
d mirant. our volatility indices demonstrate a dramatic shift in historical v
olatility to the western hubs and away from the midwestern markets of 1998-9
9. we expect volatility to persist in the west, likely accompanied by higher
volatility in the remainder of the country in 2001. this benefits energy mer
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0015.1999-12-14.kaminski 0 imperial capital-thursday schedule
the following is the schedule for thursday's meeting with imperial ca
pital. currently all meetings are scheduled in eb 2868. we are trying to arra
nge a different conference room and will let you know if we obtain one. 9:00
am-jim fallon-electricity 9:30 am-fred lagrasta-gas 10:00 am-lynda clemmons
and david kistler-weather 10:30 am-ed ondarza-pulp and paper 11:00 am-stins
on gibner-research 12 noon-lunch 1:00 pm-5:00 pm-discussion thanks in advan
ce to all who will come to speak in the morning.

0015.1999-12-15.farmer 0 2 nd rev dec. 1999 josey ranch nom " ----
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ouston, tx 77056 voice mail/page 713-964-9434"

0015.2000-06-09.lokay 0 " tw weekly, 6-9-00" please see the attach
ed file and let me know if you have any questions. ray stelly

0015.2001-02-12.kitchen 0 california update 2/12 " executive summary:
the likelihood of there being an involuntary bankruptcy filing against the ut
ilities appears to be greater than 60%. this is not only due to the circumstan
ces surrounding the filed rate doctrine case mentioned below, but also because
the 30-day cure period during which the utilities have not been paying their
bills will end this week, increasing the likelihood that their ipp creditors
will act against them. if the state loses the filed rate doctrine case today
(which it is believed will happen) and there is an involuntary bankruptcy fil

ing (or even the threat of one), this bail-out plan will be enacted quickly.

1. utilities vs. cpuc governor davis' attempt to delay the filed rate doctrine case will not succeed. the case will come before the judge on monday, february 12th. the federal judge is expected to rule a summary judgment in favor of the utilities. however, the judge will not allow the utilities to collect the injunction release they are requesting (\$.01/kwh). this will be left to an appellate court. the decision not to allow the utilities to collect this cash could trigger an involuntary bankruptcy filing, by the smaller ipps (as noted in our reports last week) or by larger out-of-state generators such as duke, reliant, and dynegy (as noted in the press this morning). this is expected next week or the week after.

2. prospects for a bailout bill ab 18 x is effectively dead from lack of support. senator burton, despite his public refusals, is moving closer to agreeing to a utility bail-out. the statements by burton and the ca state treasurer are merely a negotiating position. they are more concerned about the possibility of a bankruptcy than they appear. for burton, this is because of his long association with labor unions; the unions oppose the utility bankruptcy. burton has been negotiating with consumer advocate harvey rosenfield so as not to get attacked by him. the deal burton is expected to arrange would be for: bonds to be issued by the utilities rather than the state, but with some kind of state support (but less than "full faith and credit of the state of ca," which would not pass). this would amount to the securitization of an extra charge on power bills (e.g. \$.01, though the actual amount is not known). these bonds would be asset-backed securities, with payment receivable from rate payers. the term of these bonds is unknown; if the term is made quite long (e.g. 20 years), the associated rate increase could be very small. the state would purchase the utilities' transmission assets for a very high price. the amount of the extra charge on power bills will not be known until the price of the transmission assets is settled. if the state loses the filed rate doctrine case today (which it is believed will happen) and there is an involuntary bankruptcy filing (or even the threat of one), sources believe that this bail-out plan will be enacted quickly. as noted in an earlier report, the california legislature habitually does not act until things "hit the wall." it is expected that the republicans in the legislature will follow burton's lead and support the bail-out plan. the assembly members in particular are not yet supportive of a plan of this nature. one moderate democratic legislator with whom our source spoke said that the opposition to a bail-out in her central valley district is "50 to 1." however, an involuntary filing (or the threat thereof) may be enough to trigger legislative support. it would allow the argument of an "imminent threat" to the people of the state of california.

3. consumer opposition harvey rosenfield is too short on cash to fight this plan and the associated rate increase with anything but a referendum. if the referendum fails, he intends to attack individual legislators (though not john burton, who reportedly has "immunity" from rosenfield). some legislators are thinking of voting for the bail-out plan, then supporting a referendum from rosenfield later. however, if the bail-out plan and rate increase described above is passed through the legislature as a bill (rather than put in place by the puc, for example), it cannot be reversed by a referendum. as additional insurance against rosenfield, by supporting the bonds issued under the plan, the state can argue that its credit would be impaired in the case of a referendum to repeal the plan. while it is not clear that this is a factual argument, it still might impede any referendum."

0015.2001-07-05.SA_and_HP

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0016.1999-12-15.farmer 0 unify close schedule " the following is the
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ople are available for support if needed, as this is an enron holiday.) plea
se feel free to contact me should you have any questions. thank you, melissa
x 35615"

0016.2001-02-12.kitchen 0 fw: meeting with jeff skillling " louise, per
our conversation of last week, you might be interested in the following meeti
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0016.2001-07-06.SA_and_HP 1 your membership community charset = i

so-8859-1 " your membership community & commentary (july 6,2001) it's all about making money information to provide you with the absolute best low and no cost ways of providing traffic to your site, helping you to capitalize on the power and potential the web brings to every net-preneur. ---this issue contains sites who will trade links with you!--- ----- in this issue ----- internet success through simplicity member showcase win a free ad in community & commentary | | | ======>> today's special announcement: | | | =====> we can help you become an internet service provider within 7 days or we will give you\$ 100. 00!! click here we have already signed 300 isps on a 4 year contract, see if any are in your town at: click here you are a member in at least one of these programs -you should be in them all! bannersgomlm.com profitbanners.com cashpromotions.com mysiteinc.com timshometownstories.com freelinksnetwork.com myshoppingplace.com bannerco-op.com putpeel.com putpeel.net sellinternetaccess.com be-your-own-isp.com seventhpower.com ===== internet success through simplicity ===== every day of the week, i get questions from people all over the world, including my no bs gimg members, wanting to know some of the most valuable "" secrets "" to my on-going internet success. let me say, above all else, i don't believe there are any * true * "" secrets "" to success on the net. what you do to become successful in the online world is not a "" secret "", in my opinion. most successful people follow simple, clear, repeatedly-proven strategies to succeed, whether on the net or off. but, when it comes to someone asking for advice, consultation, or simply asking, "" what's your secret? "", i have to blush & say... persistence and personality. of course, i always follow the advice with my own little disclaimer: what makes me successful may not work the same for you... & your first lesson is to get over the deep-seeded idea that success-of any kind, in my opinion-is somehow an unknown, unattainable secret. clearly, it is not. it's not unknown. it's not unattainable. it's not years of digging to find the "" secrets "" to internet riches. one thing that "" gets to me "" so often in my work as an internet consultant, author and internet success strategist is that so many people on the net seem to have this incredibly huge mental block that stands between themselves and success on the net. it's almost as if they've been barraged by so many claims of what works and what doesn't work, and so many long, complicated routes to actually succeeding in their online venture, that "" success "" is the equivalent of a 100-foot high brick wall. it's not that difficult, my friends! it is not that complicated!! long-time friend and business associate rick beneteau has a new ebook out called branding you & breaking the bank. get it!! http://www.roibot.com/bybb.cgi?im7517_bybtb. but, the reason i mention this is the fact that he talks so dynamically about the true simplicity of making your online venture a success. and, yes, rick & i come from the same school of "" self marketing ""-marketing you! obviously, that's the core of his excellent new ebook, and i couldn't agree with him more. point being, * you * are everything you do online to succeed. you are your web site, your business, your marketing piece, your customer service, your customers' experiences with your business--all of it, is you! read his ebook & you'll see more of what i'm saying. the matter at hand is that brick wall you might have standing high as you can see, blocking the path between you & internet success. listen to me-it is not real ok? it doesn't exist. there's nothing there to fear to begin with... get over it!! what i'm telling you is, the only thing standing between you and the success you most desire... is yourself. when you realize this, you will tear down that brick wall by means of complete and instantaneous disintegration. it will no longer exist * in your mind *, which is the only "" real "" place it ever was anyhow! yes, "" persistence and personality "" inherently includes honesty, integrity, accountability, and many other qualities but you also ha

ve to hone in on your ultimate goals and realize that probably the most valuable, powerful key to your success... is you! that may be the most incredible "" secret "" we ever uncover in our lifetime! and, trust me, that brick wall won't ever get in your way again... unless you let it. talk about simple!! bryan is a "" veteran "" internet consultant, author, internet success strategist & marketer. he publishes mega-success. com chronicles to over 11,500 subscribing members, authors articles which appear all over the net, and helps hundreds of wealth-hungry people in their journey to internet success. bryan is also director of his no bs guerrilla internet marketing group at <http://p://.com> & a fantastic new joint venture partners program for that site. bryan hall is a founding member and the development consultant for the prestigious icop (tm) at <http://www.i-cop.org/1016.htm> you can reach bryan at 877. 230. 3267 or by emailing him directly at bryan.hall@mega-success.com

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 o keep this interesting, how about this, every month we'll draw a name from the replies and that person will win one sponsorship showcase ad in the community commentary, for free. that's a value of over\$ 700. 00! respond to each weekly survey, and increase your chances to win with four separate entries. question of the week (07/06/01)... no right or wrong answers, and just by answering you are entered to win a showcase ad-free! ~ ~ ~ do you spend more or less time ~ ~ ~ ~ ~ online in the summer months? ~ ~ ~ more <mailto:one@aeopublishing.com> less <mailto:two@aeopublishing.com> same <mailto:three@aeopublishing.com> to make this as easy as possible for you, just clic

k on the e-mail address that matches your answer-you do not need to enter any information in the subject or body of the message. * * add your comments! follow directions above and add your comments in the body of the message, and we'll post the best commentaries along with the responses. you will automatically be entered in our drawing for a free sponsorship ad in the community commentary. please respond only one time per question. multiple responses from the same individual will be discarded. last week's results (06/29/01) ~ ~ ~ what is the goal of your website? ~ ~ ~ sell 40% get leads 20% build branding 5% provide information 20% other 15% comments: -----
----- our web site is initially designed to get leads, build branding, and provide information..... with a 12 month goal of selling our service more specifically via a shopping cart. we offer a service and at this time take deposits and payments via our site. our site has been up less than 2 months and our expectation was that we would refer to our site for leads developed in traditional media and by referral for more information, and to make a professional impression on someone you may not meet before providing service. the growth of our customer base shopping on line has grown outside of anyone's expectations..... certainly mine and i've been in this business for 25 years. the internet is not dead in the horse business, it is just getting it's legs, and the folks using it want to get all the ancillary services on-line as well. our site (the first we've developed) has exceeded our expectations, and we aren't satisfied with it yet..... we just wanted to get it there for information! jeff and rebecca marks [http:// www. grand-champion. com](http://www.grand-champion.com) branding. while quality customer service and product have been and will always be our top priority brand building zesto is our most challenging task. zesto. com ranks very high and most often # 1 or 2 on all major search engines and directories even yahoo entering the keyword zesto. the problem is simply that, who if anyone would type the keyword zesto, therefore we must try to build our brand by ensuring that generic keywords associated with our products (citrus peel) are used throughout our site as well as search engine submissions. fortunately owning a non generic domain short, easy to remember and trademarked works in our favor because the marketability potential is limitless. arlene turner [http:// www. zesto. com](http://www.zesto.com) =====
===== to change your subscribed address, send both new and old address to submit see below for unsubscribe instructions. please send suggestions and comments to: editor i invite you to send your real successes and showcase your strategies and techniques, or yes, even your total bomb s, "" working together we can all prosper. "" submit for information on how to sponsor your membership community commentary visit: sponsorship showcase copyright 2001 aeopublishing. com email: [yourmembership 2 @ aeopublishing. com](mailto:yourmembership2@aeopublishing.com) voice: web: [http:// www. aeopublishing. com](http://www.aeopublishing.com) this email has been sent to [jm @ netnoteinc. com](mailto:jm@netnoteinc.com) at your request, by your membership newsletter service s. visit our subscription center to edit your interests or unsubscribe. [http:// ccprod. roving. com/roving/d. jsp? p = oo & id = bd 7 n 7877. 7 giv 5 d 5 7 & m = bd 7 n 7877](http://ccprod.roving.com/roving/d.jsp?p=oo&id=bd7n7877.7giv5d57&m=bd7n7877) charset = iso-8859-1 in this issue internet success through simplicity member showcase win a free ad in community & commentary today's special announcement: win a free ad in community & commentary to keep this interesting, how about this, every month we'll draw a name from the replies and that person will win one sponsorship showcase ad in the community commentary, for free. that's a value of over\$ 700. 00! respond to each weekly survey, and increase your chances to win with four separate entries. question of the week (07/06/01)... no right or wrong answers, and just by answering you are entered to win a showcase ad-free! ~ ~ ~ do you spend more or less time ~ ~ ~ ~ ~ online in the summer months? ~ ~ ~ more [mailto: one @ aeopubli shing. com](mailto:one@aeopublishing.com) less [mailto: two @ aeopublishing. com](mailto:two@aeopublishing.com) same [mailto: three @ aeop ublishing. com](mailto:three@aeopublishing.com) to make this as easy as possible for you, just click on the e-mail address that matches your answer-you do not need to enter any informati

on in the subject or body of the message. * * add your comments! follow directions above and add your comments in the body of the message, and we'll post the best commentaries along with the responses. you will automatically be entered in our drawing for a free sponsorship ad in the community commentary. please respond only one time per question. multiple responses from the same individual will be discarded. last weeks's results (06/29/01) ~ ~ ~ what is the goal of your website? ~ ~ ~ sell 40% get leads 20% build branding 5% provide information 20% other 15% comments: ----- our web site is initially designed to get leads, build branding, and provide information..... with a 12 month goal of selling our service more specifically via a shopping cart. we offer a service and at this time take deposits and payments via our site. our site has been up less than 2 months and our expectation was that we would refer to our site for leads developed in traditional media and by referral for more information, and to make a professional impression on someone you may not meet before providing service. the growth of our customer base shopping on line has grown outside of anyone's expectation s..... certainly mine and i've been in this business for 25 years. the internet is not dead in the horse business, it is just getting it's legs, and the folks using it want to get all the ancillary services on-line as well. our site (the first we've developed) has exceeded our expectations, and we are n't satisfied with it yet..... we just wanted to get it there for information! jeff and rebecca marks [http:// www. grand-champion. com](http://www.grand-champion.com) branding. while quality customer service and product have been and will always be our top priority brand building zesto is our most challenging task. zesto. com ranks very high and most often # 1 or 2 on all major search engines and directories even yahoo entering the keyword zesto. the problem is simply that, who if anyone would type the keyword zesto, therefore we must try to build our brand by ensuring that generic keywords associated with our products (citrus peel) are used throughout our site as well as search engine submissions. fortunately owning a non generic domain short, easy to remember and trademarked works in our favor because the marketability potential is limitless. arlene turner [http:// www. zesto. com](http://www.zesto.com) to change your subscribed address, send both new and old address to submit see below for unsubscribe instructions. please send suggestions and comments to: editor i invite you to send your real successes and showcase your strategies and techniques, or yes, even your total bombs, "" working together we can all prosper. "" submit for information on how to sponsor your membership community commentary visit: sponsorship showcase copyright 2001 aeopublishing. com email us:: visit our site phone: this email was sent to [jm @ netnoteinc. com](mailto:jm@netnoteinc.com), at your request, by your membership newsletter services. visit our subscription center to edit your interests or unsubscribe. view our privacy policy. powered by "

0016.2003-12-19.GP 1 ativan. n vicodin. n xanax. x valium. m dxqrgu many specials running this week the real thing not like the other sites that imitate these products. no hidd. en char. ges-fast delivery vic. odin val. ium xan. ax via. gra diaz. epam alpra. zolam so. ma fior. icet amb. ien stil. nox ult. ram zo. loft clon. azepam at. ivan tr. amadol xen i. cal cele. brex vi. oxx pro. zac bus. par much m. ore.... if you have received this in error please use [http:// www. nowbetterthis. biz/byee. html](http://www.nowbetterthis.biz/byee.html) with g snhezkjzhisbpjhgx hcokyovrdsprayz klei vzxoaxqhgvie

0016.2004-08-01.BG 1 important news for usavity customers. " dear cheapsoft customer, my name is annie kincaid, and i work at cheapsoft llc. you are important to me! you spend your money and time on cheapsoft, and i want to let you know that we have finished update our programs store. i want to remind you that we are offering now more than 1500 popular software for low price with your personal customer's discount. please spend few moments of yours precious time to check our updatedsoftware store: [http:// www. dutyfreesoft. com](http://www.dutyfreesoft.com) 4 all. info with regards, customer service department, annie kincaid"

0017.1999-12-14.kaminski 0 a paper of mine " vince, i have written a paper, which supposedly is going to be published in the february 2000 issue of eprm, probably after some editorial cuts (at least this is what i am being told by them). i would appreciate your thoughts if you would have time to read it. regards, martin -userconf. doc"

0017.2000-01-17.beck 0 global risk management operations " congratulations, sally!!! kk -----forwarded by kathy kokas/corp/enron on 01/17/2000 08:08 pm----- from: rick causey 01/17/2000 06:04 pm sent by: enron announcements to: all enron worldwide cc: subject: global risk management operations recognizing enron , s increasing worldwide presence in the wholesale energy business and the need to insure outstanding internal controls for all of our risk management activities, regardless of location, a global risk management operations function has been created under the direction of sally w. beck, vice president. in this role, sally will report to rick causey, executive vice president and chief accounting officer. sally , s responsibilities with regard to global risk management operations will mirror those of other recently created enron global functions. in this role, sally will work closely with all enron geographic regions and wholesale companies to insure that each entity receives individualized regional support while also focusing on the following global responsibilities: 1. enhance communication among risk management operations professionals. 2. assure the proliferation of best operational practices around the globe. 3. facilitate the allocation of human resources. 4. provide training for risk management operations personnel. 5. coordinate user requirements for shared operational systems. 6. oversee the creation of a global internal control audit plan for risk management activities. 7. establish procedures for opening new risk management operations offices and create key benchmarks for measuring on-going risk controls. each regional operations team will continue its direct reporting relationship within its business unit, and will collaborate with sally in the delivery of these critical items. the houston-based risk management operations team under sue frusco , s leadership, which currently supports risk management activities for south america and australia, will also report directly to sally. sally retains her role as vice president of energy operations for enron north america, reporting to the ena office of the chairman. she has been in her current role over energy operations since 1997, where she manages risk consolidation and reporting, risk management administration, physical product delivery, confirmations and cash management for ena , s physical commodity trading, energy derivatives trading and financial products trading. sally has been with enron since 1992, when she joined the company as a manager in global credit. prior to joining enron, sally had four years experience as a commercial banker and spent seven years as a registered securities principal with a regional investment banking firm. she also owned and managed a retail business for several years. please join me in supporting sally in this additional coordination role for global risk management operations."

0017.2001-04-03.williams 0 monday blues " bill, i am having such a terrible day. i am so frustrated. can you believe it is only monday? ah! anyhow, i hope your day is going much better than mine. when i saw you earlier, you looked kinda angry or something. i hope i was just imagining that. anyhow, i'd better get back to work. i'll talk to you later."

0017.2003-12-18.GP 1 get that new car 8434 people now the weather or climate in any particular environment can change and affect what people eat and how much of it they are able to eat.

0017.2004-08-01.BG 1 super-discounts on ambien and soma " up to 80% savings on xanax, valium, phentermine, viagra here andorra elmira pompey cankerworm rush curricula kaskaskia whitehorse devoid stacy haunch curta in quadrangular prefix axe beck dubhecanyonu's copenhagen adolescent marten site bucolic triassic baccarat spigot macarthur ague fraternal textual milita

rism flynn lobster plushy aphrodite hillmancarthage cagey nostalgia lineal ma
uricio glandular columnar doff strangulate cryogenic phrasemake carrie clamp
pet express indubitable extremal crapbedspring squill hydroxylate cannot key
es rosalie bestowal ncaa brighton carriage mesopotamia doctoral phonetic sama
rium nearby psychotic manitoba cornet delinquent novak brim pun ecole exulta
nt cheeky griddle ambrose descendent forever affectate scuttle"

0017.2004-08-02.BG 1 your winning notice. " pacific internationa
l lottery organisation. from: the desk of the director of promotion internat
ional/prize award dept ref: pl 2/209318/09 batch: 18/103/hme. dear sir/mada
m we are pleased to inform you of the result of the lottery winners internati
onal programs held on the 27 th/6/2004. your e-mail address attached to ticket
number 436425795822-5022 with serial number 6614102, batch number 8561513507,
lottery ref number 7675213911 and drew lucky numbers 7-9-4-17-34-44 which con
sequently won in category c, you have therefore been approved for a lump sum p
ay out of us\$ 1. 500,000. 00 (one million five hundred thousand united states
dollars) congratulations!!! due to mix up of some numbers and names, we ask
that you keep your winning information confidential until your claims has bee
n processed and your money remitted to you. this is part of our security proto
col to avoid double claiming and unwarranted abuse of this program by some par
ticipants. all participants were selected through a computer ballot system dr
awn from over 40,000 company and 20,000, 000 individual email addresses and na
mes from all over the world. this promotional program takes place every year.
this lottery was promoted and sponsored by association of software producers.
we hope with part of your winning, you will take part in our next year us\$ 20
million international lottery. to file for your claim, please contact our fid
ucial agent: mr. rook van nas magnum securities company. amsterdam netherla
nd. email: admin_magnumo @ mail 2 netherlands. com tel:: + 31615304791 reme
mber, all winning must be claimed not later than 6 th of august, 2004. after t
his date all unclaimed funds will be included in the next stake. please note i
n order to avoid unnecessary delays and complications please remember to quote
your reference number and batch numbers in all correspondence. furthermore, s
hould there be any change of address do inform our agent as soon as possible.
congratulations once more from our members of staff and thank you for being p
art of our promotional program. note: anybody under the age of 18 is automati
cally disqualified. yours sincerely, john smith lottery coordinator this e
mail was sent using the webmail feature @ pc bytesize"

0018.1999-12-14.kaminski 0 invitation to speak at power 2000

" hi vince it is my great pleasure to invite you to speak at power 20
00 which will be in houston on 9 & 10 may 2000. would you be interested in c
hairing one of the streams on day 2 of the conference? or making a full prese
ntation on one of the days? please let me know which talks interest you. obvi
ously, some of the talks are no longer available but i would like to give you
a choice as much as possible. please could you get back to me asap on 212 92
5 1864 ext 151 or by return email. i very much hope you can make the dates as
i'm very keen to have you participate at power. not to flatter you unnecessa
rily, but i know that a lot of people come to our conferences to hear what yo
u have to say. best regards emma -invite. doc"

0018.2001-07-13.SA_and_HP 1 [ilug] we need your assistance to inv
est in your country " dear sir/madam, i am well confident of your capabil
ity to assist me in a transaction for mutual benefit of both parties, ie (me
and you) i am also believing that you will not expose or betray the trust an
d confidence i am about to establish with you. i have decided to contact you
with greatest delight and personal respect. well, i am victor sankoh, son to
mr. foday sankoh who was arrested by the ecomog peace keeping force months
ago in my country sierra leone. few days before the arrest of my father, he
confided in me and ordered me to go to his underground safe and move out im
mediately, with a deposit agreement and cash receipt he made with a security

company in abidjan cote d'ivoire where he deposited one iron box containing usd\$ 22 million dollars cash (twenty two million dollars). this money was made from the sell of gold and diamond by my father and he have already decided to use this money for future investment of the family before his arrest. thereafter, i rushed down to abidjan with these documents and confirmed the deposit of the box by my father. also, i have been granted political stay as a refugee by the government of cote d'ivoire. meanwhile, my father have instructed me to look for a trusted foreigner who can assist me to move out this money from cote d'ivoire immediately for investment. based on this, i solicit for your assistance to transfer this fund into your account, but i will demand for the following requirement: (1) could you provide for me a safe bank account where this fund will be transferred to in your country or another nearby country where taxation will not take great toll on the money? (2) could you be able to assist me to obtain my travelling papers after this transfer to enable me come over to meet you in your country for the investment of this money? (3) could you be able to introduce me to a profitable business venture that would not require much technical expertise in your country where part of this fund will be invested? please, all these requirements are urgently needed as it will enable me to establish a stronger business relationship with you hence i will like you to be the general overseer of the investment thereafter. i am a christian and i will please, want you to handle this transaction based on the trust i have established on you. for your assistance in this transaction, i have decided to offer you 12% percent commission of the total amount at the end of this business. the security of this business is very important to me and as such, i would like you to keep this business very confidential. i shall be expecting your urgent reply. thank you and god bless you. victor sankoh -- irish linux users'group: ilug@linux.ie <http://www.linux.ie/mailman/listinfo/ilug> for (un) subscription information. list maintainer: listmaster@linux.ie"

0018.2003-12-18.GP 1 await your response " dear partner, we are a team of government officials that belong to an eight-man committee in the presidential cabinet as well as the senate. at the moment, we will be requiring your assistance in a matter that involves investment of monies, which we intend to transfer to your account, upon clarification and a workable agreement reached in consummating the project with you. based on a recommendation from an associate concerning your integrity, loyalty and understanding, we deemed it necessary to contact you accordingly. all arrangements in relation to this investment initiative, as well as the initial capital for its take off has been tactically set aside to commence whatever business you deemed fit, that will turn around profit favourably. we request you immediately contact us if you will be favorably disposed to act as a partner in this venture, and possibly will afford us the opportunity to discuss whatever proposal you may come up with. also bear in mind that the initial capital that we shall send across will not exceed\$ 13,731, 000,00 usd (thirteen million seven hundred and thirty one thousand united states dollars) so whatever areas of investment your proposal shall cover, please it should be within the set aside capital. in this regard, the proposal you may wish to discuss with us should be comprehensive enough for our better understanding; with special emphasis on the following: 1. the tax obligation in your country 2. the initial capital base required in your proposed investment area, as well as; 3. the legal technicalities in setting up a business in your country with foreigners as share-holders 4. the most convenient and secured mode of receiving the funds without our direct involvement. 5. your ability to provide a beneficiary/partnership account with a minimal deposit, where we shall transfer the funds into subsequently. another area that we wish to explicitly throw more light on, is the process we have conceived in transferring the funds into the account you shall be providing. since we are the owners of the funds, and the money will be leaving the apex bank o

```
f my country, we shall purposefully fulfill the legal obligations precedent to
transferring such huge amount of funds, without arousing suspicion from any
quarter as a drug or terrorist related funds; and this will assist us in the
long run to forestall any form of investigations. remember that, on no accoun
t must we be seen or perceived to be directly connected with the transfer of f
unds. you will be the one to be doing all these, and in the course of transfe
r, if for any reason whatsoever, you incurred some bills, we shall adequately
retire same, upon the successful confirmation of the funds in your account. t
he commencement of this project is based on your ability to convince us of the
need to invest in whatever business you have chosen, and to trust your person
ality and status, especially as it concerns the security of the funds in your
custody. i await your response, sincerely, john adams (chairman senate co
mmittee on banks and currency) call number: 234-802-306-8507 "
```

Overwriting NaiveBayes/enronemail_1h.txt

```
> wc -l enronemail_1h.txt #100 email records 100 enronemail_1h.txt > cut -f2 -d
```

```
"\t" enronemail_1h.txt|wc #extract second field which is SPAM flag
101 394 3999
JAMES-SHANAHANs-Desktop-Pro-2:HW1-Questions jshanahan
```

```
cut -f2 -d$'\t' enronemail_1h.txt|head 0 0 0 0 0 0 0 0
```

```
1 1 > # Display an example SPAM email record > head -n 100 enronemail_1h.txt|tail -1|less 018.2001-07-
```

```
13.SA_and_HP 1 [ilug] we need your assistance to invest in your country dear sir/madam, i am well confident of
your capability to assist me in a transaction for mutual benefit of both parties, ie (me and you) i am also believing
that you will not expose or betray the trust and confidence i am about to establish with you. i have decided to
contact you with greatest delight and personal respect. well, i am victor sankoh, son to mr. foday sankoh who was
arrested by the ecomog peace keeping force months ago in my country sierra leone. ....
```

HW Problems

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3. HW2.0 Functional Programming

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W2.0.

What is a race condition in the context of parallel computation? Give an example. What is MapReduce? How does it differ from Hadoop?

Race Condition

its a situation when 2 or more parallel processes access the same momory location to perform some tasks and the final output depends on the order of the execution of the proccesses.

Example: lets say two threads have the follwoing code

if (a==1) then b=a+10. If the value of "a" changes between if (a==1) and b=a+10 then the value of b will be different than 11.

MapReduce

Mapreduce is a programming model which consists of Map and Reduce functions commonly used in functional programming. Map applies same function to each elements of of its input and Reduce performs a summary operation.

MapReduce vs Hadoop

Hadoop is a MapReduce framework designed to be scalable and fault tolerant in order to perform big data operations

HW2.0.1

Here is an example of functional programming in basic python in terms of mappers and reducers (by way of example):

```
In [17]: #EXAMPLE Mapper functions in Python
def fahrenheit(T):
    return ((float(9)/5)*T + 32)

def celsius(T):
    return (float(5)/9)*(T-32)

temperatures = (36.5, 37, 37.5, 38, 39)
F = list(map(fahrenheit, temperatures))
print(F)
#returns 97.7 98.6 99.5 100.4 102.2
C = map(celsius, F)

#EXAMPLE Reducer function in Python
import functools
functools.reduce(lambda x,y: x+y, [47,11,42,13])
#returns 113

print ("Average temp is %fF" % (functools.reduce(lambda x,y: x+y, F)/len(F)))
#returns Average temp is 99.68F

[97.7, 98.60000000000001, 99.5, 100.4, 102.2]
Average temp is 99.680000F
```

```
In [9]: import functools
functools.reduce(lambda x,y: x+y, [47,11,42,13])
```

```
Out[9]: 113
```

Which programming paradigm is Hadoop based on? Explain and give a simple example of functional programming in raw python code and show the code running. E.g., in raw python find the average length of a string in collection of strings using a python "map-reduce" (functional programming) job (similar in style to the above). Alternatively, you can do this in python Hadoop Streaming.

```
strings = ["str1", "string2", "w261", "MAchine learning at SCALE"] .....
```

```
import functools
as reduce temperatures = (36.5, 37, 37.5, 38, 39)
F = map(fahrenheit, temperatures)
print "Average temp is %fF" % (reduce(lambda x,y: x+y, F)/len(F) )
```

returns Average temp is 99.68F

```
map(sqr, items)
```



```
In [24]: #EXAMPLE Mapper functions in Python
def strttotal(s):
    return (len(s))

strings = ["str1", "string2", "w261", "MAchine learning at SCALE"]

strs=list(map(strttotal,strings))
print(strs)

#EXAMPLE Reducer function in Python
import functools
functools.reduce(lambda x,y: x+y, [47,11,42,13])
#returns 113

print ("Average length of a string is %f" % (functools.reduce(lambda x,y: x+y,
    strs)/len(strs)))
```

```
[4, 7, 4, 25]
Average length of a string is 10.000000
```

Set up your directories on your local (VM) machine and on HDFS

```
In [ ]: !mkdir WordCount
```

```
In [ ]: %cd WordCount
```

WordCount: A full example in Hadoop Stream to practice with

In [4]: *#example of a regular expression to detect words in a string.*

```
import re
line = """ 0017.2000-01-17.beck 0          global risk management operations
        " congratulations, sally!!!  kk -----forwarded by ka
thy kokas/corp/enron on 01/17/2000 08:08 pm----- from:
rick causey 01/17/2000 06:04 pm sent by: enron announcements to: all enron
worldwide cc: subject: global risk management operations recognizing enron
, s increasing worldwide presence in the wholesale energy business and the n
eed to insure outstanding internal controls for all of our risk management ac
tivities, regardless of location, a global risk management operations functio
n has been created under the direction of sally w. beck, vice president. in t
his role, sally will report to rick causey, executive vice president and chie
f accounting officer. sally , s responsibilities with regard to global risk m
anagement operations will mirror those of other recently created enron global
functions. in this role, sally will work closely with all enron geographic r
egions and wholesale companies to insure that each entity receives individual
ized regional support while also focusing on the following global responsibil
ities: 1. enhance communication among risk management operations professional
s. 2. assure the proliferation of best operational practices around the glob
e. 3. facilitate the allocation of human resources. 4. provide training for
risk management operations personnel. 5. coordinate user requirements for sh
ared operational systems. 6. oversee the creation of a global internal contro
l audit plan for risk management activities. 7. establish procedures for ope
ning new risk management operations offices and create key benchmarks for mea
suring on-going risk controls. each regional operations team will continue it
s direct reporting relationship within its business unit, and will collaborat
e with sally in the delivery of these critical items. the houston-based risk
management operations team under sue frusco , s leadership, which currently
supports risk management activities for south america and australia, will al
so report directly to sally. sally retains her role as vice president of ener
gy operations for enron north america, reporting to the ena office of the cha
irman. she has been in her current role over energy operations since 1997, wh
ere she manages risk consolidation and reporting, risk management administrat
ion, physical product delivery, confirmations and cash management for ena , s
physical commodity trading, energy derivatives trading and financial product
s trading. sally has been with enron since 1992, when she joined the company
as a manager in global credit. prior to joining enron, sally had four years
experience as a commercial banker and spent seven years as a registered secu
rities principal with a regional investment banking firm. she also owned and
managed a retail business for several years. please join me in supporting sa
lly in this additional coordination role for global risk management operation
s."""
re.findall(r'[a-z]+', line.lower()) [0:10]
```

```
Out[4]: ['beck',  
        'global',  
        'risk',  
        'management',  
        'operations',  
        'congratulations',  
        'sally',  
        'kk',  
        'forwarded',  
        'by']
```

Dictionaries are a good way to keep track of word counts

```
wordCounts={}
```

defaultdict are slightly more effective way of doing word counting

One way to do word counting but not best. A defaultdict is like a regular dictionary, except that when you try to look up a key it doesn't contain, it first adds a value for it using a zero-argument function you provided when you created it. In order to use defaultdicts, you have to import them

```

In [5]: # Here is an example of wordcounting with a defaultdict (dictionary structure
        # with a nice
        # default behaviours when a key does not exist in the dictionary
        import re
        from collections import defaultdict

        line = """ 0017.2000-01-17.beck 0          global risk management operations
                  " congratulations, sally!!!  kk -----forwarded by ka
thy kokas/corp/enron on 01/17/2000 08:08 pm----- from:
rick causey 01/17/2000 06:04 pm sent by: enron announcements to: all enron
worldwide cc: subject: global risk management operations recognizing enron
, s increasing worldwide presence in the wholesale energy business and the n
eed to insure outstanding internal controls for all of our risk management ac
tivities, regardless of location, a global risk management operations functio
n has been created under the direction of sally w. beck, vice president. in t
his role, sally will report to rick causey, executive vice president and chie
f accounting officer. sally , s responsibilities with regard to global risk m
anagement operations will mirror those of other recently created enron global
functions. in this role, sally will work closely with all enron geographic r
egions and wholesale companies to insure that each entity receives individual
ized regional support while also focusing on the following global responsibil
ities: 1. enhance communication among risk management operations professional
s. 2. assure the proliferation of best operational practices around the glob
e. 3. facilitate the allocation of human resources. 4. provide training for
risk management operations personnel. 5. coordinate user requirements for sh
ared operational systems. 6. oversee the creation of a global internal contro
l audit plan for risk management activities. 7. establish procedures for ope
ning new risk management operations offices and create key benchmarks for mea
suring on-going risk controls. each regional operations team will continue it
s direct reporting relationship within its business unit, and will collaborat
e with sally in the delivery of these critical items. the houston-based risk
management operations team under sue frusco , s leadership, which currently
supports risk management activities for south america and australia, will al
so report directly to sally. sally retains her role as vice president of ener
gy operations for enron north america, reporting to the ena office of the cha
irman. she has been in her current role over energy operations since 1997, wh
ere she manages risk consolidation and reporting, risk management administrat
ion, physical product delivery, confirmations and cash management for ena , s
physical commodity trading, energy derivatives trading and financial product
s trading. sally has been with enron since 1992, when she joined the company
as a manager in global credit. prior to joining enron, sally had four years
experience as a commercial banker and spent seven years as a registered secu
rities principal with a regional investment banking firm. she also owned and
managed a retail business for several years. please join me in supporting sa
lly in this additional coordination role for global risk management operation
s."""

wordCounts=defaultdict(int)
for word in re.findall(r'[a-z]+', line.lower()):
    #if word in ["a"]:
        #print word,"\n"
    wordCounts[word] += 1
for key in sorted(wordCounts)[0:10]:
    print (key, wordCounts[key])

```

```
a 7
accounting 1
activities 3
additional 1
administration 1
all 3
allocation 1
also 3
america 2
among 1
```

```
In [7]: %%writefile WordCount/mapper.py
#!/usr/bin/env python

import sys
#sys.stderr.write("reporter:counter:Tokens,Total,1") # NOTE missing the carriage return so wont work
# Set up counters to monitor/understand the number of times a mapper task is run
sys.stderr.write("reporter:counter:Mapper Counters,Calls,1\n")
sys.stderr.write("reporter:status:processing my message...how are you\n")

for line in sys.stdin:
    for word in line.split():
        print '%s\t%s' % (word, 1)
```

Writing WordCount/mapper.py

```
In [8]: %%writefile WordCount/reducer.py
#!/usr/bin/env python

import sys

cur_key = None
cur_count = 0
# Set up counters to monitor/understand the number of times a reducer task is
run
sys.stderr.write("reporter:counter:Reducer Counters,Calls,1\n")
for line in sys.stdin:
    key, value = line.split()
    if key == cur_key:
        cur_count += int(value)
    else:
        if cur_key:
            print '%s\t%s' % (cur_key, cur_count)
        cur_key = key
        cur_count = int(value)

print '%s\t%s' % (cur_key, cur_count)
```

Writing WordCount/reducer.py

```
In [1]: !chmod a+x WordCount/mapper.py
!chmod a+x WordCount/reducer.py
```

'chmod' is not recognized as an internal or external command,
operable program or batch file.
'chmod' is not recognized as an internal or external command,
operable program or batch file.

```
In [ ]: #Unit test the mapper
!echo "foo foo quux labs foo bar quux" | WordCount/mapper.py
```

```
In [ ]: #Unit test the mapper
!echo "foo foo quux labs foo bar quux" | WordCount/mapper.py | sort -k1,1
```

```
In [ ]: #Systems test the mapper and reducer
!echo "foo foo quux labs foo bar quux" | WordCount/mapper.py | sort -k1,1 | Wo
rdCount/reducer.py | sort -k2,2nr
```

```
In [12]: %%writefile testWordCountInput.txt
hello this is Jimi
jimi who Jimi Three Jimi
Hello
hello
```

Writing testWordCountInput.txt

```
In [ ]: !hadoop jar /usr/lib/hadoop-0.20-mapreduce/contrib/streaming/hadoop-streaming-2.6.0-mr1-cdh5.4.7.jar \
        -input test/in/ -output test/out/first -mapper /bin/cat -reducer wc
        #--D mapreduce.job.reduces=2 depecated
        #-input historical_tours.txt file on Hadoop
```

```
In [ ]: !hdfs dfs -rm testWordCountInput.txt
        !hdfs dfs -copyFromLocal testWordCountInput.txt
        !hdfs dfs -rm -r wordcount-output
        #usr/Local/Cellar/hadoop/2.6.0/libexec/share/hadoop/tools/lib
        dataDir = "/Users/jshanahan/Dropbox/lectures-uc-berkeley-m1-class-2015/Notebooks/WordCount"

        !hadoop jar /usr/lib/hadoop-0.20-mapreduce/contrib/streaming/hadoop-streaming-2.6.0-mr1-cdh5.4.7.jar \
        -mapper /home/hadoop/mapper.py \
        -reducer /home/hadoop/reducer.py \
        -combiner /home/hadoop/reducer.py \
        -input testWordCountInput.txt \
        -output wordcount-output \
        -numReduceTasks 3
        #--D mapreduce.job.reduces=2 depecated
        #-input historical_tours.txt file on Hadoop

        #output directory on Hadoop
```

```
In [ ]: !hdfs dfs -rm testWordCountInput.txt
        !hdfs dfs -copyFromLocal testWordCountInput.txt
        !hdfs dfs -rm -r wordcount-output
        #usr/Local/Cellar/hadoop/2.6.0/libexec/share/hadoop/tools/lib
        dataDir = "/Users/jshanahan/Dropbox/lectures-uc-berkeley-m1-class-2015/Notebooks/WordCount"

        !hadoop jar /usr/lib/hadoop-0.20-mapreduce/contrib/streaming/hadoop-streaming-2.6.0-mr1-cdh5.8.0.jar \
        -mapper /home/cloudera/WordCount/mapper.py \
        -reducer /home/cloudera/WordCount/reducer.py \
        -combiner /home/cloudera/WordCount/reducer.py \
        -input testWordCountInput.txt \
        -output wordcount-output \
        -numReduceTasks 3
        #--D mapreduce.job.reduces=2 depecated
        #-input historical_tours.txt file on Hadoop

        #output directory on Hadoop
```

```
In [ ]: #have a look at the input
!echo "\n-----\n"
!hdfs dfs -cat testWordCountInput.txt
!echo "\n-----\n"
# Wordcount output
!hdfs dfs -cat wordcount-output/part-0000*
```

```
In [11]: ww="Test"
w1="1test"
w1[0].islower()
```

```
Out[11]: False
```

3. HW2.1. Sort in Hadoop MapReduce (Partial sort, total sort)

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Using Alice's Adventures in Wonderland tackle this problem. (You can obtain a free plain text version of the book, along with many others, from [here](http://www.gutenberg.org) (<http://www.gutenberg.org>.)

Change the mapper.py/reducer.py combination so that you get only the number of words starting with an uppercase letter, and the number of words starting with a lowercase letter. In other words, you need an output file with only 2 lines, one giving you the number of words starting with a lowercase ('a' to 'z'), and the other line indicating the number of words starting with an uppercase letter ('A' to 'Z').

Some background on Sorting in Hadoop Hadoop will always give a total sort on the key (i.e., key part of the key-value pairs produced by the mappers) when using just one reducer. When using multiple reducers Hadoop will by default give you a partial sort (i.e., all records within a partition will be sorted by the key (i.e., key part of the key-value pairs produced by the mappers) . To achieve a total sort one needs to write a custom mapper to prepend a partition key to each record, partition on that prepended key, and then do a secondary sort on a composite key that is made up of the prepended key and the original key. This can be done with one map-reduce job. This will be covered during Live Session of Week 3.

HW2.1.2 TOTAL SORT using a single reducer

Write a MapReduce job that creates a text file named **alice_words.txt** containing an alphabetical listing of all the words, and the number of times each occurs, in the text version of Alice's Adventures in Wonderland. (You can obtain a free plain text version of the book, along with many others, from [here](http://www.gutenberg.org/cache/epub/11/pg11.txt) (<http://www.gutenberg.org/cache/epub/11/pg11.txt>) The first 10 lines of your output file should look something like this (the counts are not totally precise):

Word Count ===== a 631 a-piece 1 abide 1 able 1 about 94 above 3 absence 1 absurd 2


```
In [35]: !curl 'http://www.gutenberg.org/cache/epub/11/pg11.txt' -o alicesTextFilename.txt
```

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Curre
			Dload	Upload	Total	Spent	Left
100	163k	100	163k	0	0	71298	0
0:00:02	0:00:02	--:--:--	7131				

```
In [36]: #display the first few lines
!head alicesTextFilename.txt
```

HW2.1.2 TOTAL SORT using multiple reducers [OPTIONAL for this week; will be covered in next live session]

Change the mapper.py/reducer.py combination from the the above WordCount example so that you get the longest word present in the text version of Alice's Adventures in Wonderland. (You can obtain a free plain text version of the book, along with many others, from [here \(http://www.gutenberg.org/cache/epub/11/pg11.txt\)](http://www.gutenberg.org/cache/epub/11/pg11.txt)).

- First use one reducer and report your result. HINT: from emit records of the form: "longestWord\theLongWordEver\t15".
- Run you Hadoop streaming job with 3 reducers? Anything change with respect to your solution.

HW2.1.3 How many times does the word alice occur in the book?

Write a MapReduce job to determine this. Please pay attention to what you use for a key and value as output from your mapper.

Uppercase: 10634

Lowercase: 1532

Alice: 101

In []:

3. HW2.2 EDA using WORDCOUNT in Hadoop

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HW2.2.1 WORDCOUNT

Using the Enron data from and Hadoop MapReduce streaming, write the mapper/reducer job that will determine the word count (number of occurrences) of each white-space delimited token (assume spaces, fullstops, comma as delimiters). Examine the word “assistance” and report its word count in both SPAM and HAM classes.

CROSSCHECK the frequency using Unix commands (e.g., use multiple grep to get the frequency in each class):
>grep assistance enronemail_1h.txt|cut -d'\$'\t' -f4| grep assistance|wc -l 8 #NOTE "assistance" occurs on 8 lines
but how many times does the token occur? 10 times! This is the number we are looking for!

HW2.2.2

Using Hadoop MapReduce and your wordcount job (from HW2.2.1) determine the top-10 occurring tokens (most frequent tokens) using a single reducer for the SPAM class and for the HAM class.

HW2.2.3 (Optional)

Using Hadoop MapReduce and your wordcount job (from HW2.2.1) determine the top-10 occurring tokens (most frequent tokens) using multiple reducers.

To achieve a total sort one needs to write a custom mapper to to prepend a partition key to each record. The shuffle phase will need a custom partitioner based upon the prepended key, while the sort is based upon a composite key which is made up of the partition key and the word count (i.e., we will do a secondary sort on a composite key that is made up of the prepended key and the word count. This all can be done with one map-reduce job.

SPAM

count of assistance = 8

And the top ten tokens are the following

the 698

to 566

and 408

your 357

a 347

you 345

of 336

in 236

for 204

com 153

***HAM**

count of "assistance" = 2

And the top ten tokens are the following

the 549

to 398

ect 382

and 278

of 230

hou 206

a 196

in 182

for 170

on 135

3. HW2.3 Multinomial NAIVE BAYES with NO Smoothing using a single reducer

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HW2.3. Multinomial NAIVE BAYES model with NO Smoothing using a single reducer

In this assignment you will produce a spam filter based upon a multinomial naive Bayes classifier. For a quick reference on the construction of the Multinomial NAIVE BAYES classifier that you will code, please consult the following:

- A nice textbook introduction to the different flavors of Naive Bayes is provide in [chapter 13](http://nlp.stanford.edu/IR-book/pdf/13bayes.pdf) (<http://nlp.stanford.edu/IR-book/pdf/13bayes.pdf>) of the IRBook. Nice worked out examples are also provided
- The "Document Classification" section of the wikipedia page on [Naive Bayes](https://en.wikipedia.org/wiki/Naive_Bayes_classifier#Document_classification) (https://en.wikipedia.org/wiki/Naive_Bayes_classifier#Document_classification)
- OR the original [paper](http://www.aueb.gr/users/ion/docs/ceas2006_paper.pdf) (http://www.aueb.gr/users/ion/docs/ceas2006_paper.pdf) by the curators of the Enron email data.

For the sake of this assignment we will focus on the basic construction of the parallelized classifier, and not consider its validation or calibration, and so you will have the classifier operate on its own training data (unlike a field application where one would use non-overlapping subsets for training, validation and testing). NOTE: please use the subject field and the body field for all your Naive Bayes modeling.

For all tasks in this HW problem, please use one (1) reducer.

HW2.3.1 Learn a Multinomial Naive Bayes model

Using Hadoop streaming MapReduce, write a mapper/reducer job(s) that will learn a Naive Bayes classifier. Use all white-space delimited tokens as independent input variables (assume spaces, fullstops, commas as delimiters). Note: for multinomial Naive Bayes, the class conditional probability for a word such as "assistance" given the class is SPAM, $\Pr(X=\text{"assistance"}|Y=\text{SPAM})$, is calculated as follows:

the number of times "assistance" occurs in SPAM labeled documents / the number of words in documents labeled SPAM

E.g., consider that "assistance" occurs 5 times in all of the documents Labeled SPAM, and the length in terms of the number of words in all documents labeled as SPAM (when concatenated) is 1,000. Then $\Pr(X=\text{"assistance"}|Y=\text{SPAM}) = 5/1000$. Note this is a multinomial estimation of the class conditional for a Naive Bayes Classifier. No smoothing is needed in this HW problem. Please represent you model as a record where the key is the first field (TAB separated), and the value, the remaining part, is composed of two values corresponding the class conditional counts or probabilities depending on what phase of learning we are in. A typical record whether in a file or in memory will have the following KEY-VALUE structure:

- Word\tCount(of Word in documents corresponding to HAM)\tCount(of Word in documents corresponding to SPAM)
- In memory this TSV-type data can be stored as a dictionary or defaultdict to record the learnt model or intermediate versions of the model

Finally the learnt model should consist of three columns

- $\text{word} \backslash \text{Pr}(\text{Word}|\text{HAM}) \backslash \text{Pr}(\text{Word}|\text{SPAM})$

Note we can also insert a special record for the class priors. For example, we can use the token ClassPrior as the key to the class priors in this dictionary representation of the learnt model.

Write a systems test to regression test your map reduce job

Write a systems test to test your learning algorithm implementation using the following "Chinese" dataset. Please reserve document D5 as an independent test document (i.e., don't use it for training. Just use it for testing) Use the Chinese dataset to unit test your Mapper, reducer and final output.

Chinese dataset

```
In [15]: %%writefile NaiveBayes/chineseExample.txt
D1      1      Chinese Beijing Chinese
D2      1      Chinese Chinese Shanghai
D3      1      Chinese Macao
D4      0      Tokyo Japan      Chinese
D5      0      Chinese Chinese Chinese Tokyo Japan
```

Writing NaiveBayes/chineseExample.txt

HW2.3.2 Learn a multinomial naive Bayes model (with no smoothing) by hand

Learn the multinomial naive Bayes by hand and show the formulas, and your calculations in a nice tabular form.

Compare your hand calculations for the following:

- the learnt multinomial naive Bayes with NO smoothing
- the classification of the D5 test document

with textbook calculation listed here:

- Note the worked example [here](https://www.dropbox.com/s/f17c4mvmm5fuwav/chineseTestCaseFullyWorkedOut.png) (<https://www.dropbox.com/s/f17c4mvmm5fuwav/chineseTestCaseFullyWorkedOut.png>) is with smoothing "<https://www.dropbox.com/s/f17c4mvmm5fuwav/chineseTestCaseFullyWorkedOut.png>". It is taken from the IRBook [chapter](http://nlp.stanford.edu/IR-book/pdf/13bayes.pdf) (<http://nlp.stanford.edu/IR-book/pdf/13bayes.pdf>) on Naive Bayes.

```
In [ ]: # download the image with worked solution and render it in the next cell below.
!curl "https://www.dropbox.com/s/f17c4mvmm5fuwav/chineseTestCaseFullyWorkedOut.png"
```

```
In [28]: %%HTML
<img src ="C:\Users\rsshishi\Pictures\NB_hand_calc.png">
<H1> NB Example </H1>
```

				Pr(Chinese Chinese)*Pr(Chinese Chinese)*Pr(Chinese Chinese)*Pr(Tokyo Chinese)*Pr(Japan Chinese)	0
				Pr(Chinese not Chinese)*Pr(Chinese not Chinese)*Pr(Chinese not Chinese)*Pr(Tokyo not Chinese)*Pr(Japan not Chinese)	0.004033
Word	Pr(Word Chinese)	Pr(Word not Chinese)			
Chinese	0.625	0.333333333			
Beijing	0.125	0			
Shanghai	0.125	0			
Macao	0.125	0			
Tokyo	0	0.33			
Japan	0	0.33			

NB Example

Hand calculations for Multinomial naive Bayes (Learning and classification)

- Insert hand calculations for learning a multinomial naive Bayes Classifier from the Chinese dataset
- Insert hand calculations for classifying the test document "D5" using the learnt multinomial naive Bayes Classifier from the Chinese dataset

HINTS:

Because Markdown is a superset of HTML you can even add things like HTML tables

For more background on notebook formatting see: [here](#)

([https://athena.brynmawr.edu/jupyter/hub/dblank/public/Jupyter%20Notebook%20Users%20Manual.ipynb.notebook formatting](https://athena.brynmawr.edu/jupyter/hub/dblank/public/Jupyter%20Notebook%20Users%20Manual.ipynb.notebook%20formatting))

Example table in MD

Word	Pr(Word,Chinese)	Pr(Word,not Chinese)
Chinese	0.625	0.33
Beijing	0.125	0
Shanghai	0.125	0
Macao	0.125	0
Japan	0	0.33
Tokyo	0	0.33

$\Pr(\text{Chinese}|\text{Chinese Chinese Chinese Tokyo Japan}) =$

$\Pr(\text{Chinese})\Pr(\text{Chinese}|\text{Chinese})\Pr(\text{Chinese}|\text{Chinese})\Pr(\text{Chinese}|\text{Chinese})\Pr(\text{Tokyo}|\text{Chinese})\Pr(\text{Japan}|\text{Chinese})$

$\Pr(\text{not Chinese}|\text{Chinese Chinese Chinese Tokyo Japan}) = \Pr(\text{Not Chinese})\Pr(\text{Chinese}|\text{not$

$\text{Chinese})\Pr(\text{Chinese}|\text{not Chinese})\Pr(\text{Chinese}|\text{not Chinese})\Pr(\text{Tokyo}|\text{not Chinese})\Pr(\text{Japan}|\text{not Chinese}) = 0.001$

So its not Chinese

learnt multinomial naive Bayes Model with Smoothing

Word	Word Class Conditional counts and probs. \n dsdsd
Beijing	[0.0, 1.0, 0.111, 0.142]
Chinese	[1.0, 5.0, 0.222, 0.428]
Tokyo	[1.0, 0.0, 0.222, 0.0714]
Shanghai	[0.0, 1.0, 0.111, 0.142]
ModelPrior	[1.0, 3.0, 0.25, 0.75]
Japan	[1.0, 0.0, 0.222, 0.071]

Macao	[0.0, 1.0, 0.111, 0.142]
-------	--------------------------

In []:

HW2.3.3 Learn a multinomial naive Bayes model (with no smoothing) for SPAM filtering

Systems test your code first with the Chinese Example and show the resulting model.

Learn a SPAM filtering model from the ENRON dataset provided above. Save the model to file SPAM_Model_MNB.tsv.

Show the top 10 terms alphabetically sortig the words increasing and their corresponding model entries. Write a mapreduce job to accomplish this. Show the bottom 10 terms also.

HW 2.3.4 Classify Documents using the learnt Multinomial Naive Bayes model using Hadoop Streaming

Classify each Enron email messages using the learnt Naive Bayes classifier (Testing on the training set is bad practice but we will allow that here to simplify the work here).

Write a separate map-reduce job to classify a corpus of documents using a provided/learnt Multinomial Naive Bayes model. A model file consisting of the triples $word \backslash t Pr(Word|HAM) \backslash t Pr(Word|SPAM)$ should be broadcast to the worker nodes using the `-file` command line option when running a Hadoop streaming job. Please write the corresponding mapper and reducer portions of this classifier job.

Note: Map Tasks and map lifecycles

Note that for each chunk in the input data a mapper task is executed. Each mapper task has three phases: a init phase (to initialize variables used down stream in the mapper task or read in data from disk that might be used downstream in the map task); a loop to process each record in the input stream; and a final phase that is executed prior to the map task finishing. A Reduce task goes through a similar lifecycle.

NOTE: on small multiplying small numbers

Multiplying lots of probabilities, which are between 0 and 1, can result in floating-point underflow. Since $\log(xy) = \log(x) + \log(y)$, it is better to perform all computations by summing logs of probabilities rather than multiplying probabilities. Please pay attention to probabilities that are zero! They will need special attention. Count up how many times classification of a document results in a zero class posterior probability for each class and report when using the Enron training set for evaluation.

- Report the performance of your learnt classifier in terms of misclassification error rate of your multinomial Naive Bayes Classifier.
 - Error Rate = misclassification rate with respect to a provided set (say training set in this case). It is more formally defined here:
- Let DF represent the evaluation set in the following:
 - $Err(Model, DF) = |\{(X, c(X)) \in DF : c(X) \neq Model(x)\}| / |DF|$

Where $||$ denotes set cardinality; $c(X)$ denotes the class of the tuple X in DF ; and $Model(X)$ denotes the class inferred by the Model "Model"

In this exercise, please complete the following tasks:

- Once again unit test your classifier map reduce job using the Chinese example. Please show a trace of your prediction and classification steps.
- Once you are happy the Chinese dataset results run

SPAM_MODEL_MNB

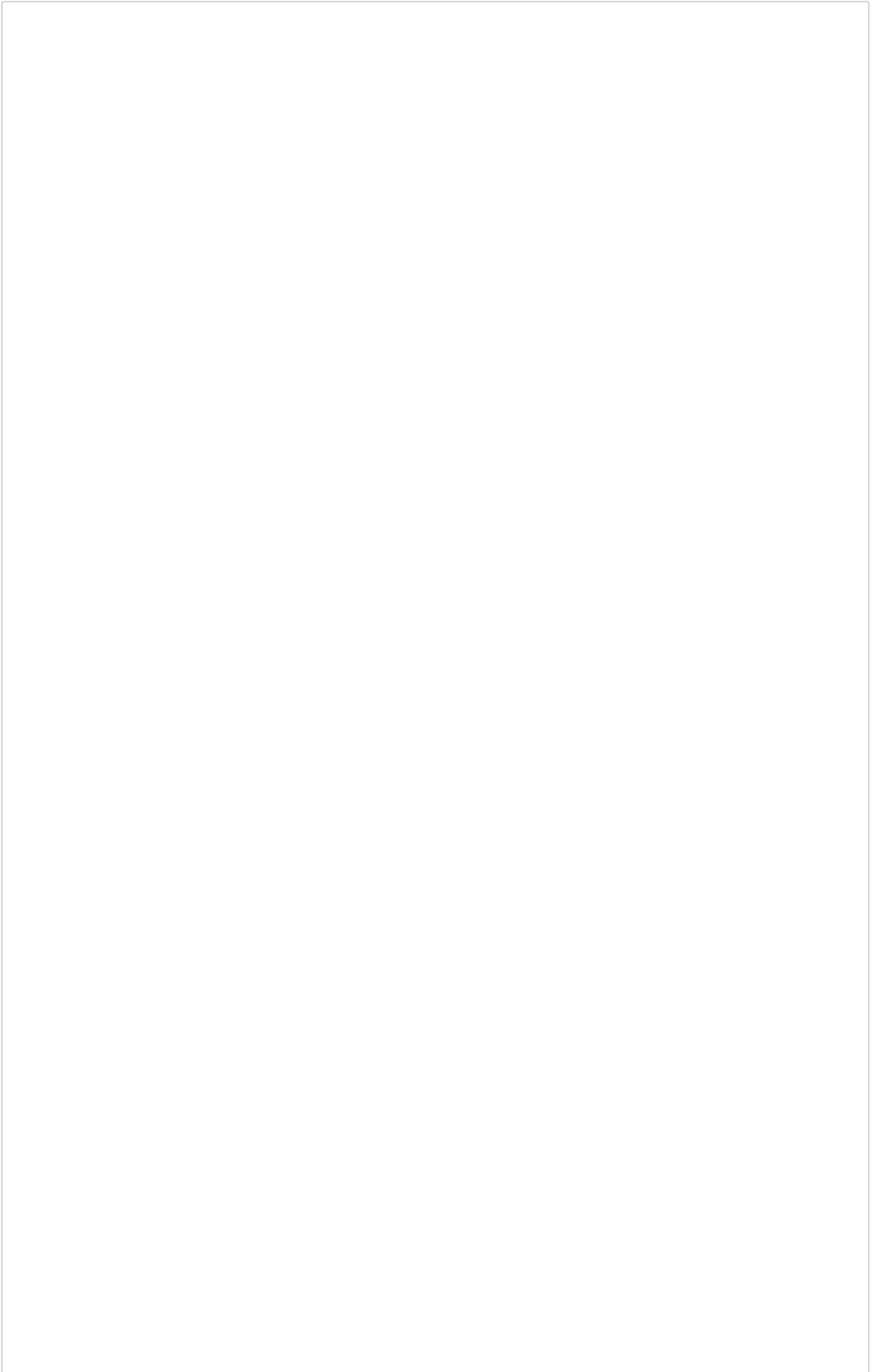
top 10 entrys

a 0.019061 0.014604
ab 0.000000 0.000373
abidjan 0.000110 0.000000
ability 0.000110 0.000000
able 0.000604 0.000224
abn 0.000055 0.000000
about 0.002362 0.000671
above 0.000439 0.000224
absent 0.000000 0.000075
absenteeism 0.000055 0.000000

bottom 10 entrys

zac 0.000110 0.000000
zadorozhny 0.000000 0.000298
zero 0.000055 0.000224
zesto 0.000549 0.000000
zimin 0.000000 0.000373
zinc 0.000055 0.000000
zk 0.000055 0.000000
zo 0.000110 0.000000
zolam 0.000110 0.000000
zxs 0.000055 0.000000

In [63]:



```

import re
import numpy as np
P_spam= {}
P_ham={}
post_prob=[]
with open("spam_ham_total.txt") as e:
    e.readline()
    e.readline()
    l1=e.readline()
    (key1,spam_lines,ham_lines)=l1.split()
    print(key1, spam_lines, ham_lines)

with open("SPAM_MODEL_MNB.txt") as f:
    f.readline()
    f.readline()
    for line in f:
        #print(line)
        (key, spam_val,ham_val) = line.split()
        P_spam[key] = spam_val
        P_ham[key]=ham_val

with open("enronemail_1h.txt") as g:
    cc=0
    tot=0
    for line in g:
        xx=line.split('\t')
        or_clf=int(xx[1])
        pspam=0
        pham=0
        pspam0=1
        pham0=1
        cc=cc+1
        for word in re.findall(r'[a-z]+', line.lower()):
            if float(P_ham[word])>0:
                pham=pham+np.log(float(P_ham[word]))
            else:
                pham0=0
            if float(P_spam[word])>0:
                pspam=pspam+np.log(float(P_spam[word]))
            else:
                pspam0=0

        pspam=np.exp(pspam)*pspam0*int(spam_lines)/(int(spam_lines)+int(ham_lines))
        pham=np.exp(pham)*pham0*int(ham_lines)/(int(ham_lines)+int(ham_lines))
        post_prob.append(pspam)
        if pham<pspam:
            clf=1
        else:
            clf=0
        if clf==or_clf:
            tot=tot+1
        #print ("line ",cc,or_clf,clf)

print('accuracy=',tot/cc)

```

```
print(post_prob)
```

Line 44 56

accuracy= 0.67

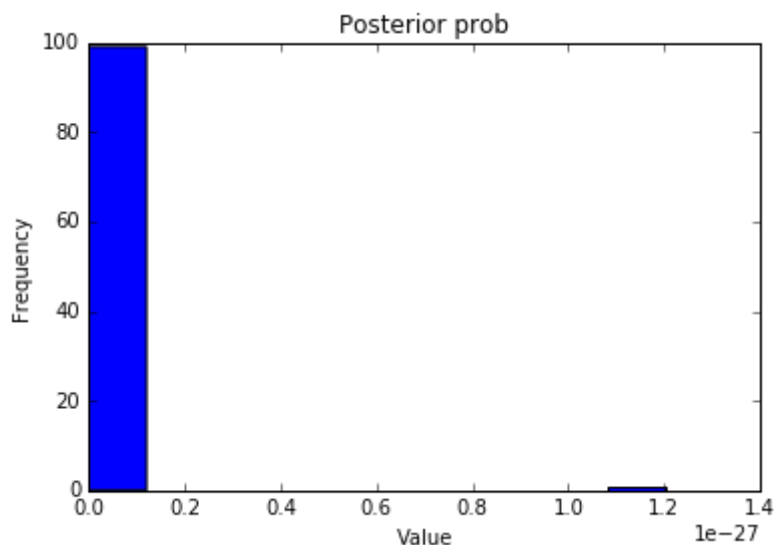
```
[0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 6.9670156174310378e-235, 0.0, 0.0,
 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 3.2063480489748066e-316,
 0.0, 0.0, 0.0, 0.0, 5.9626438435360786e-80, 0.0, 0.0, 0.0, 0.0, 3.2422535873
616736e-142, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 1.2021175184039999e-27, 0.
0, 0.0, 0.0, 0.0, 3.0028263169713226e-219, 8.3374693649091381e-298, 0.0, 0.0,
 0.0, 0.0, 0.0, 5.8655575061901104e-62, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.
0, 0.0, 4.5526131223622434e-65, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
 0.0, 0.0, 0.0, 1.4851118780707888e-282, 0.0, 0.0, 0.0, 5.47427731563738e-91,
 0.0, 0.0, 0.0, 0.0, 0.0]
```

Plot a histogram of the posterior probabilities

Plot a histogram of the posterior probabilities (i.e., $\Pr(\text{Class}|\text{Doc})$) for each class over the ENRON training set. Summarize what you see.

```
In [70]: %matplotlib inline
import matplotlib.pyplot as plt
plt.hist(post_prob)
plt.title("Posterior prob")
plt.xlabel("Value")
plt.ylabel("Frequency")
```

Out[70]: <matplotlib.text.Text at 0x9a686a0>



for spam, the probabilities are all very skewed to the left.

3. HW2.4 Use Laplace plus-one smoothing

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Repeat HW2.3 with the following modification: use Laplace plus-one smoothing.

In addition, compare the misclassification error rates for 2.3 versus 2.4 and explain the differences.

In []:

3. HW2.5 Ignore rare words

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Repeat HW2.4. This time when modeling and classification ignore tokens with a frequency of less than three (3) in the training set. How does it affect the misclassification error of learnt naive multinomial Bayesian Classifier on the training dataset. Report the error and the change in error.

HINT: ignore tokens with a frequency of less than three (3). Think of this as a preprocessing step. How many mapreduce jobs do you need to solve this homework?

In []:

3. HW2.6 Benchmark your code with the Python SciKit-Learn

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HW2.6 Benchmark your code with the Python SciKit-Learn implementation of the multinomial Naive Bayes algorithm

It always a good idea to benchmark your solutions against publicly available libraries/frameworks such as SciKit-Learn, the Machine Learning toolkit available in Python. In this exercise, we benchmark ourselves against the SciKit-Learn implementation of multinomial Naive Bayes. For more information on this implementation see: http://scikit-learn.org/stable/modules/naive_bayes.html (http://scikit-learn.org/stable/modules/naive_bayes.html) more

In this exercise, please complete the following tasks:

- Run the Multinomial Naive Bayes algorithm (using default settings) from SciKit-Learn over the same training data used in HW2.5 and report the misclassification error (please note some data preparation might be needed to get the Multinomial Naive Bayes algorithm from SkiKit-Learn to run over this dataset)
- Prepare a table to present your results, where rows correspond to approach used (SkiKit-Learn versus your Hadoop implementation) and the column presents the training misclassification error
- Explain/justify any differences in terms of training error rates over the dataset in HW2.5 between your Multinomial Naive Bayes implementation (in Map Reduce) versus the Multinomial Naive Bayes implementation in SciKit-Learn

HW 2.6.1 Bernoulli Naive Bayes (OPTIONAL: note this exercise is a stretch HW and optional)

— Run the Bernoulli Naive Bayes algorithm from SciKit-Learn (using default settings) over the same training data used in HW2.6 and report the misclassification error

- Discuss the performance differences in terms of misclassification error rates over the dataset in HW2.5 between the Multinomial Naive Bayes implementation in SciKit-Learn with the Bernoulli Naive Bayes implementation in SciKit-Learn. Why such big differences. Explain.

Which approach to Naive Bayes would you recommend for SPAM detection? Justify your selection.

In []:

3. HW2.7 Preprocess the Entire Spam Dataset (OPTIONAL)

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The Enron SPAM data in the following folder [enron1-Training-Data-RAW](#)

(<https://www.dropbox.com/sh/hemnvr0422nr36g/AAAPoK-aYxkFGxGjzaeRNEwSa?dl=0>) is in raw text form (with subfolders for SPAM and HAM that contain raw email messages in the following form:

- Line 1 contains the subject
- The remaining lines contain the body of the email message.

In Python write a script to produce a TSV file called train-Enron-1.txt that has a similar format as the enronemail_1h.txt that you have been using so far. Please pay attention to funky characters and tabs. Check your resulting formatted email data in Excel and in Python (e.g., count up the number of fields in each row; the number of SPAM mails and the number of HAM emails). Does each row correspond to an email record with four values? Note: use "NA" to denote empty field values.

3. HW2.8 Build and evaluate a NB classifier on the Entire Spam Dataset (OPTIONAL)

[Back to Table of Contents](#) Using Hadoop Map-Reduce write job(s) to perform the following: -- Train a multinomial Naive Bayes Classifier with Laplace plus one smoothing using the data extracted in HW2.7 (i.e., train-Enron-1.txt). Use all white-space delimited tokens as independent input variables (assume spaces, fullstops, commas as delimiters). Drop tokens with a frequency of less than three (3). -- Test the learnt classifier using enronemail_1h.txt and report the misclassification error rate. Remember to use all white-space delimited tokens as independent input variables (assume spaces, fullstops, commas as delimiters). How do we treat tokens in the test set that do not appear in the training set?

In []:

HW2.8.1 OPTIONAL

— Run both the Multinomial Naive Bayes and the Bernoulli Naive Bayes algorithms from SciKit-Learn (using default settings) over the same training data used in HW2.8 and report the misclassification error on both the training set and the testing set

- Prepare a table to present your results, where rows correspond to approach used (SciKit-Learn Multinomial NB; SciKit-Learn Bernoulli NB; Your Hadoop implementation) and the columns presents the training misclassification error, and the misclassification error on the test data set
- Discuss the performance differences in terms of misclassification error rates over the test and training datasets by the different implementations. Which approach (Bernoulli versus Multinomial) would you recommend for SPAM detection? Justify your selection.

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----- END OF HOWEWORK -----