```
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-equ
ations-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: *Jason Sanchez*
Class: MIDS w261 (Section *2*, e.g., Fall 2016 Group 1)
Email: *jason.sanchez@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.

Table of Contents

1 Instructions

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/1ZOr9RnIe_A06AcZDB6K1mJN4vrLeSmS2PD6Xm3eOiis/viewform?usp=send_form
(https://docs.google.com/forms/d/1ZOr9RnIe_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

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

ese 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
```

The ENRON SPAM dataset (has only 100 records)

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

In [3]:

```
%%writefile 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. o
n the lunch & learn for energy operations, the audience and focus will b
e 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 01/1
7/2000 03:22 pm to: cindy skinner/hou/ect @ ect, brad mcsherry/hou/ect
 @ ect, norma villarreal/hou/ect @ ect, kimberly rizzi/hou/ect @ ect, f
ran l mayes/hou/ect @ ect, gary buck/hou/ect @ ect, robert jones/corp/e
nron @ enron, sheila walton/hou/ect @ ect, philip conn/corp/enron @ enr
on, 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/ec
t @ ect, jane allen/hou/ect @ ect, christine shenkman/enron_development
 @ enron_development, kathryn mclean/hou/ect @ ect, gracie s presas/ho
u/ect @ ect, janice riedel/hou/ect @ ect, julie armstrong/corp/enron @
 enron subject: leadership development pilot good news regarding the e
na leadership curriculum! through the help of a vendor selection team f
rom eops, we've chosen southwest performance group and wilson learning
 products as one of our primary vendors for the leadership curriculum a
nd programs. we are ready to conduct a pilot on february 8-10 of six mo
dules. the purpose of the pilot is to evaluate for fine-tuning the wils
on learning materials and facilitators and to present just a portion of
 the leadership curriculum. in order to evaluate the materials thorough
ly, it would be great to get a cross-section of ena to attend. we are a
sking that you invite several supervisors from your client groups to pa
rticipate 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 except
ion being "" communicating effectively "". this is open to any employe
e. as a benefit in attending the pilot, i will pick up the cost., so th
ere will be no charge back for their attendance. we are currently compl
eting the curriculum design and will have information on the full curri
culum available in february. this will include options other than "" cl
assrom setting "" for development. please respond back to gracie presas
 by february 1 with your names. if you have further questions, please c
ontact 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 dependin
g on their need. it would be helpful if supervisors attend a minimum of
 two modules. date module time target audience feb. 8 meeting leadersh
ip challenges 8-12 am supervisors with less than 6 months experience w
orking 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. 1
0 communicating effectively 8-12 am any employee delegating and directi
ng 1-5 pm any supervisor"
0001.2000-06-06.lokay   0   " key dates and impact of upcoming sap i
mplementation over the next few weeks, project apollo and beyond will co
nduct its final sap implementation ⟧ this implementation will impact ap
proximately 12,000 new users plus all existing system users. sap brings
 a new dynamic to enron, enhancing the timely flow and sharing of speci
fic project, human resources, procurement, and financial information ac

ross business units and across continents. this final implementation w
ill retire multiple, disparate systems and replace them with a common,
 integrated system encompassing many processes including payroll, timek
eeping, benefits, project management, and numerous financial processes.
  employees will be empowered to update and/or view their personal infor
mation via the intranet-based ehronline--a single front-end to sap's se
lf service functionality and enron's global information system (gis). a
mong other things, individuals will be able to update personal informat
ion (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 e
nron employees paid out of corporate payroll in houston, excluding azur
ix employees the financial communities of enron energy services, enron
 investment partners, enron north america, enron renewable energy corpo
ration, gas pipeline group, global finance, global it, enron networks,
 and global products. the project management communities of enron nort
h america, gas pipeline group, global finance, global it, enron network
s, and global products. the human resources communities of corporate, g
lobal e & p, enron energy services, enron engineering and construction
 company, enron investment partners, enron north america, enron renewab
le energy corporation (houston only), the international regions, gas pi
peline group, global finance, global it, enron networks, and global pro
ducts. existing sap users currently supported by the center of expertis
e (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 w
as developed to meet requirements of business units implementing sap as
 part of this final implementation. june 22-timekeeping functionality w
ill be available for all employees paid out of corporate payroll in hou
ston (excluding azurix employees). -new sap coding must be used on time
sheets. -system ids will be available for all new users. june 30-deadl
ine! 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 sit
e manager coordinating the implementation within your business unit or
 global function--specific site manager contact information can be foun
d on the intranet at http:\\sap. enron. com. contact the center of expe
rtise (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 pl
an generation for the nim/issues employees-david to john; c) hpl transi
tion issues-ongoing. officially transferred. regards delainey
0001.2001-04-02.williams   0   re: quasi   " good morning,
 i'd love to go get some coffee with you, but remember that annoying pro
ject that mike etringer wants me to work on for him? this morning i am k
inda under some pressure to hurry up and try to get some stuff figured o
ut so i really don't have much spare time right now. ja would flip out i
f i left for coffee now. maybe later this afternoon? or tomorrow mornin
g? 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 wh

en you have extra time to go for a ride. my weekend was pretty fun. i w
eed-wacked (is that a word?) my yard for the first time. it looks so ba
d. i so don't know anything about lawn care. also i planted some herbs a
nd 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 s
ome step-in switch boots, too. cool, eh? so i'll talk to you later. hav
e a great day."
0002.1999-12-13.farmer 0   " vastar resources, inc."   " gary,
 production from the high island larger block a-1 # 2 commenced on satu
rday 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. g
eorge x 3-6992 ----------------------forwarded by george weissman/hou/e
ct 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 weissma
n/hou/ect @ ect, melissa graves/hou/ect @ ect subject: vastar resource
s, inc. carlos, please call linda and get everything set up. i'm goin
g to estimate 4,500 coming up tomorrow, with a 2,000 increase each foll
owing 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 reso
urces, inc. darren, the attached appears to be a nomination from vasta
r 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 w
e'd get her a telephone number in gas control so she can provide notifi
cation of the turn-on tomorrow. linda's numbers, for the record, are 28
1. 584. 3359 voice and 713. 312. 1689 fax. would you please see that so
meone contacts linda and advises her how to submit future nominations v
ia 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 w
eissman/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 | 2
4 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 intelt pentium 4 processor (upgradeable) 40 gigabyte hard drive (upgradeable) 256 mb ramupgradeable 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 microsoft xp home edition and a 15 "" lcd flat screen monitor (upgradeable) isalso included in the base configuration! click below for more information: 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 attend

ance, so i wanted to send you the attached memo that i distributed at t
he 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 gl
obal operations. i shared this in the staff meeting so that you would b
e the first to know. i will still fulfill my role within ena as vp of e
nergy operations. i will not be going away! this expanded responsibilit
y should create addtional opportunities for operations personnel and wi
ll 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 u
nder cindy skinner and will be producing the stats and making sure we do
n't cop out. b-as above. several have gone across wholesale already. st
ats 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. davi
d david w delainey 02/07/2001 04:39 pm to: john j lavorato/corp/enro
n, david oxley/hou/ect @ ect cc: mark frevert/na/enron @ enron, greg wh
alley/hou/ect @ ect, louise kitchen/hou/ect @ ect subject: key hr issue
s going forward a) year end reviews-report needs generating like mid-ye
ar documenting business unit performance on review completion-david to j
ohn; b) work out or plan generation for the nim/issues employees-david
to john; c) hpl transition issues-ongoing. officially transferred. r
egards delainey"
0003.2003-12-18.GP   1   fw: account over due wfxu ppmfztdtet
        " eliminate your credit card debt without bankruptcy! tired of m
aking minimum payments and barely getting by? this is not consolidation
or negotiation... this is complete debt eliminationstop making payments
immediately! are you drowning in debt? here's what we can do for you...
terminate your credit card debt! allow you to stop making payments imme
diately! obtain a zero balance statement from your creditors! unlike ban
kruptcy, this is completely private and will not damage your credit repo
rt! you will not lose your home or any other assets! request your free
consultation now! please stop future announcements j uz hzriubp wr
wugn h bmf sr h pbem uvd hm q uafn czkkrxht mpkemyrxlpq"
0003.2004-08-01.BG   1   whats new in summer? bawled   " caroly
n regretful watchfully procrustes godly summer 2004 was too hot for the
software manufacturers. no wonder! as the prices were reduced in 3-4 t
imes. this was caused 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 th
eir software now have the possibility to do this almost free of charge.
read the whole article: year 2004. sotware prices fall down. , (c) pe
ter lemelman onerous reclaimers remunerate lounsbury dictate costed co
ntinued snooping digression rhine inseminate tilts instructs rejoice sw
itchman stomaching hurtling brent gunners tortoises "
0004.1999-12-10.kaminski   0   research group move to the 19 t
h floor " hello all: in case any of you feel energetic, "" the boxes ar
e here "". they are located at 2963 b (michael sergeev's old desk). fee
l free to take as many as you will need. be sure to label everything wi
th your new office location. if your file cabinets lock, you can just l
abel them and lock them. again, listed below is your new office locatio
n: stinson gibner eb 1936 joseph hrgovcic eb 1947 paulo issler eb 193
5 vince kaminski eb 1933 krishna krishnarao eb 1938 martin lin eb 193
0 e grant masson eb 1941 kevin moore eb 1944 maureen raymond eb 1928
mike roberts eb 1945 vasant shanbhogue eb 1949 vincent tang eb 1934

ravi thuraisingham eb 1932 zimin lu eb 1942 if you have any question
s, or need any assistance, please contact me, kevin, or sam. thanks an
d have a great day! shirley 3-5290"
0004.1999-12-14.farmer 0   re: issue   " fyi-see note below-alr
eady done. stella ----------------------forwarded by stella l morris/h
ou/ect on 12/14/99 10:18 am-------------------------- from: sherlyn s
chumack on 12/14/99 10:06 am to: stella l morris/hou/ect @ ect cc: how
ard b camp/hou/ect @ ect subject: re: issue stella, this has already
 been taken care of. you did this for me yesterday. thanks. howard b c
amp 12/14/99 09:10 am to: stella l morris/hou/ect @ ect cc: sherlyn s
chumack/hou/ect @ ect, howard b camp/hou/ect @ ect, stacey neuweiler/ho
u/ect @ ect, daren j farmer/hou/ect @ ect subject: issue stella, can
 you work with stacey or daren to resolve hc ----------------------for
warded 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 camp/ho
u/ect @ ect cc: subject: issue i have to create accounting arrangemen
t 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
 password   " bill, the epmi-st-wbom book has been set up as an int
ernal counterparty for desk-to-desk trading on enrononline. the followi
ng user id and password will give you access to live prices on the web-s
ite http:// www. enrononline. com. user id: adm 74949 password: welcom
e! (note these are case sensitive) please keep your user id and passwo
rd secure as this allows you to transact on enrononline. contact the he
lpdesk at x 34357 if you have any questions or problems gaining access w
ith this id. thanks, stephanie x 33465"
0004.2001-06-12.SA_and_HP   1   spend too much on your phone bi
ll? 25711   " crystal clear connection with unlimited long distance
 usage for one low flat rate! now try it for free!! * see for yoursel
f. we'll activate your flat rate unlimited long distance service for 1
 week free * to prove that 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 informat
ion: your name: city: state: daytime phone: nighttime phone: em
ail: * 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 pe
riod. if you have received this by error or wish to be removed from ou
r mailing list, please click here"
0004.2004-08-01.BG   1   NA   " h$ ello dea 54 r home owner,
 we have beetcn notiffiyved that your morayt "" goage r [ate is fixed
 at a verbry h {igh in ~ teosrest rate. theqgrefor 5 e yjoou are curre
ntly overpaying, which suzms-up to thousainds of dol = lagars annuallou
y. luo 5 ckily fe_s in tx 3 hje u. s 3 r. (3. 39%). so hurry beca ` u
se the rat-e forp 8 ecarmst is no 9 t looking good! there is no oblibg
at/ion, and it's frqee loczk on the 3. 39%, evelon with bazzd cre>dco
it! click h? ere now fooxr dextails r$ emove he * r-e "
0005.1999-12-12.kaminski   0   christmas baskets   the chr
istmas baskets have been ordered. we have ordered several baskets. ind
ividual earth-sat freeze-notis smith barney group baskets rodney keys
 matt rodgers charlie notis jon davis move team phillip randle chris
 hyde harvey freese faclities iain russell darren prager telephone
 services mary martinez (robert knights dept.) trina williams dani
el hornbuckle todd butler pamela ford ozarka- maryam golnaraghi spe
cial baskets greg whalley richard weeks any questions please contact
 kevin moore other request contact kevin moore price information conta
ct kevin moore please also if you need any assistance with your christm

as 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 1 2:17 pm------------------------- kimberly vaughn 12/10/99 02:54 pm to: lauri a allen/hou/ect @ ect cc: mary m smith/hou/ect @ ect subjec t: meter 7268 nov allocation lauri.. i have put this on strangas gas un til i can get a contract from daren. ---------------------forwarded b y 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 smit h/hou/ect @ ect subject: meter 7268 nov allocation kim/anita- a volum e of 7247 mm shows to have been allocated to the reliant 201 contract f or november. there was no nomination for reliant at this point in novemb er and, therefore, there should be no volume allocated to their contrac t. please make sure these volumes are moved off the reliant contract pr ior 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 tran sporting 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 po int 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 pro posed transco: rate issues are premature until entergy has filed to joi n spp no support for its proposed innovative rates (for example, (i) en tergy would get 5% of a customer-funded transmission project as a develo pment fee and (ii) extra 300 basis points for certain projects) and exac t recovery mechanism request that commission require grandfathered cont racts to be addressed express concern of entergy's request to continue the problematic source and sink limitations ---------------------forw arded 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 5125 17   moates are at an all tyone 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, d ecember 18,2003"   " thursday, december 18,2003 miningnews. net to allow you to read the stories below, we have arranged a complimentary o ne month subscription for you. to accept, click here to visit our extend ed service at www. miningnews. net. alternatively, just click any of the stories below. should you wish to discontinue this service, you may cli ck here to cancel your subscription, or email subscriptions @ miningnew s. net. have some news of your own? send your press releases, product ne ws 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 p roducer buka minerals, sending shares in the company sharply higher... (18 december 2003) full story danielle looks good for strategic miner als 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 200 3) full story ivernia west upgrades wa lead resource toronto listed i vernia west has upgraded its resource and reserve estimate for the cano deposit at the company's 60%-owned magellan lead project in western aus tralia... (18 december 2003) full story highlands raises$ 19 million f

or 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) 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 tendererlycopodium 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 takes over normet australiasds corp has put some of the$ 16. 5 million it raised earlier this week to immediate use with its$ 1. 05 million acquisition of normet 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 con

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02 head office tel + 61 8 9489 9100 head office fax + 61 8 9381 1848 e-m
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 today commodities due diligence exploration general ipos mining e
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monds gold nickel silver zinc bauxite-alum chromium cobalt gemst
one 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 americ oceania so
uth americ mines and money the 71 st sydney mining club: professor geo
ffrey blainey speaking on mining and the outback reflections & the futur
e enterprise sustainability: managing triple-bottom line performance t
hird international conference on computational fluid dynamics in the min
erals & 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 k
new of) a person that could bring some talent to the evaluation of an e
nron merchant business in japan. i am in sydney today, but will be in t
okyo 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
 kristin walsh (x 39510) or robert johnston (x 39934) for further clarif
ication. executive summary: utility bankruptcy appears increasingly li
kely next week unless the state can clear three hurdles-agreement on pay
back for the bailout, rate increases, and further short-term funding for
 dwr purchases of power. disagreement persists between gov. davis and d
emocrats 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 l
ong-term contracts appear to show that rate hikes are unavoidable becaus
e of the need to amortize the undercollected rates of the utilities duri
ng the recent rate freeze period. air quality management district regul
ations are under review, but offer limited scope for providing additiona
l generation capacity. legislature democrats are feeling intense pressu
re from the left-wing consumer groups and are being forced to at least s
low, 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 o
f the state, the utilities, and their creditors, with time running out o
n the debt forbearance arrangement set to expire on tuesday. socal edis
on 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 the
y feel that they are very close to an involuntary bankruptcy filing. onc
e 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 "" st
rong-arm "" the utilities. burton currently does not intend to cede to t
he utilities so that they can avoid bankruptcy. the senator stated, "" b
ankruptcy 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 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 socal 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 ch
arge for power in order to amortize the undercollection. however, since
assemblyman keeley's numbers are unrealistic, a rate increase will be n
ecessary. 4. air quality district exemptions there have been a few bil
ls introduced to provide exemptions from aqmd (air quality management di
strict) regulations--ab 20 x, ab 28 x, ab 31 x. also, republicans have b
een asking the governor to lift the environmental regulations and immedi
ately site the facility in san jose that was denied by the local governm
ent. currently there is no contemplation of loosening the aqmd complian
ce restrictions. the legislature will not allow "" dirtier "" plants to
come on-line. however, there might be a change in the means of implemen
tation in southern california by moving away from the use of credits (t
his apparently drives up the cost of gas-fired power). 5. democratic mo
derates pressured by consumer advocates the moderate left (sen. burton,
the puc, consumer activists) is afraid of harvey rosenfield and his con
sumers movement. this is not just because of his initiative. more import
ant 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 them
selves 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. t
hey only apply to california suppliers. a federal order would be needed
to seize assets from out-of-state suppliers. there are also canadian su
ppliers (such as bc hydro) who are essentially untouchable. 7. smaller
ipps feeling the squeeze many of the smaller ipps, which account for a
pproximately 2500 mw of production, appear to be within a few days of ru
nning out of cash. ab lx may be amended, possibly sometime this week, t
o 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 mu
sic is kind of slow and romantic or something. is this how most of his s
ound 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 meeting
s. cali 900 # is$ 1. 99 per min 211075433222
0006.2003-12-18.GP   1   dobmeos with hgh my energy level has go
ne up! stukm   " introducing doctor-formulated hgh human growth horm
one-also called hgh is referred to in medical science as the master hor
mone. it is very plentiful when we are young, but near the age of twent
y-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 mu
scle strength -loss in body fat -increased bone density -lower blood
pressure -quickens wound healing -reduces cellulite -improved vision
-wrinkle disappearance -increased skin thickness texture -increased
energy levels -improved sleep and emotional stability -improved memor
y and mental alertness -increased sexual potency -resistance to common
illness -strengthened heart muscle -controlled cholesterol -controll
ed mood swings -new hair growth and color restore read more at this w
ebsite unsubscribe "
0006.2004-08-01.BG   1   :)) you can not save the world by quitti
ng smoking but to save your self   " tarrin ^, hulmeville. am ^.
er. ica ph, ~ a, rm val carmody; stacey guy; terence pilkington; jonath

on stocker sent: friday, december, 2004 4:32 pm subject: reduces stress ^ here--stop this foolishness! jim roared, angrily; but after being pricked once or twice he got upon his four legs and kept out of the way of the thorns at first they could 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 washing 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 - --------------------forwarded by shirley crenshaw/hou/ect on 12/14/99 07:51 am-------------------------- "" van t. ngo "" on 12/04/99 11:17:01 am to: vince j kaminski/hou/ect @ ect cc: shirley crenshaw/hou/ect @ ect subject: christmas break dear vince, as the holidays approach, i am excited by my coming break from classes but also about the opportunity to see everyone at enron again and to work with you and them so on. i am writing to let you know that i would 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, from monday, dec. 27 to friday, jan. 14. please let me know if during those three weeks, you would like me to work and for what dates you would need the most help so that we can arrange a schedule that would be most helpful to you and so that i can contact andrea at prostaff soon. please let me know if you have 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 season! i look forward to seeing you soon. sincerely, van ngo ph: 713-630-8038 -attl. htm"
0007.1999-12-14.farmer 0 mcmullen gas for 11/99 " jackie, since the inlet 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 swift) 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 and 3405. please advice. we need to resolve this as soon as possible so settlement can send out payments. thanks"
0007.2000-01-17.beck 0 global risk management operations " congratulations! dc ----------------------forwarded by danny clark/hou/ees on 01/18/2000 04:59 am-------------------------- rick causey @ enron 01/17/2000 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 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 resourc

es.   4. provide training for risk management operations personnel. 5. c
oordinate user requirements for shared operational systems. 6. oversee
 the creation of a global internal control audit plan for risk manageme
nt activities. 7. establish procedures for opening new risk management
 operations offices and create key benchmarks for measuring on-going ri
sk controls. each regional operations team will continue its direct rep
orting 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 curr
ently supports risk management activities for south america and austral
ia, will also report directly to sally. sally retains her role as vice
 president of energy operations for enron north america, reporting to t
he ena office of the chairman. she has been in her current role over en
ergy operations since 1997, where she manages risk consolidation and re
porting, risk management administration, physical product delivery, con
firmations and cash management for ena ⍰ s physical commodity trading,
 energy derivatives trading and financial products trading. sally has b
een 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 securitie
s principal with a regional investment banking firm. she also owned and
 managed a retail business for several years. please join me in support
ing sally in this additional coordination role for global risk manageme
nt operations."
0007.2001-02-09.kitchen 0   california power 2/9   " the following
 information is from sensitive sources. please treat with discretion. c
ontact robert johnston (x 39934) or kristin walsh (x 39510) for question
s or additional info. bankruptcy early this week, there was a closed d
oor meeting held by the western power trading forum in arizona. the meet
ing took place outside california to avoid press coverage and allow ipps
 to maintain a low profile. association representatives believe that reg
ardless of what happens with the puc vs. utilities ruling expected on mo
nday, 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 w
eek. as stated in yesterdays report, the ipps are very low on cash and a
re not able to cover the debts of the pg & e and socal. only three credi
tors are needed with uncollected debts of more than$ 10,000 to file invo
luntary bankruptcy. bail out davis has been meeting with the chief exe
cutives 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 transmissions assets. however, coming to an agreed upo
n price will be very challenging. in addition, pg & e and edison appear
 to have competing agendas in pursuing a bail out plan. davis is expect
 to continue meetings through out the weekend in hopes of reaching an ag
reement 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 de
livered right to your door in 24 hours! pay less for your drugs get mo
re for your$$$! join the millions of people who are tired of the hassl
e with the insurance companies and doctors! we carry all of the well-kn
own drugs available and most of the unknown as well. we currently have
 specials on the following items: penance   name   what it does   phenterm
ine helps eliminate excess body-fattroglodyte fioricet relieves head
ache pain and migraine headachesmerle tramadol alleviates mild/mild-s
evere levels of pain throughout bodyfrankfurter ambien cures insomnia
 other sleep disordersshrink prilosec treats acid reflux disease, ex

treme heartburnwestfield prozac for depression, ocd and/or eating dis
ordersclump didrex an appetite suppressant to help reduce weightwheez
y all prescriptions are free! annals our qualified physicians are stan
ding by to serve you. chisholm visit our site today and let us help yo
u help yourself! agouti ypfpb rvsq ihf jpxdltmuk xqirzd ckgby zk slga
vjmoqq zxs aqoj g "
0007.2004-08-01.BG   1   need software? click here.   " top qu
ality 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: macrome
dia dreamwaver mx 2004 + flash mx 2004 = only$ 100 also: windows 2003
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nter here"
0008.2001-02-09.kitchen 0   urg: gas securitization agreements
        " fyi-srs ----------------------forwarded by sherri sera/corp/e
nron on 02/09/2001 08:39 am-------------------------- "" jauregui, rob
ert m "" on 02/08/2001 07:55:44 pm to: ""'taylorja 2 @ bp. com'"", ""'m
cclankg @ bp. com'"", ""'sdba @ dynegy. com'"", ""'njwa @ dynegy. co
m'"", ""'pete. j. pavluk @ dynegy. com'"", ""'chuck. watson @ dynegy. co
m'"", ""'pwarden @ pillsburywinthrop. com'"", ""'repling @ pillsburywint
hrop. com'"", ""'mmce @ dynegy. com'"", ""'swbe @ dynegy. com'"", ""'bcl
i @ dynegy. com'"", ""'singleton. greg @ epenergy. com'"", ""'hoferc @ e
penergy. com'"", ""'smithc @ epenergy. com'"", ""'wisew @ epenergy. co
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m @ texaco. com'"", ""'underga @ texaco. com'"", ""'hans @ cook-inlet. c
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 ""'dronn @ mayerbrown. com'"", ""'swidner @ coral-energy. com'"", ""'bl
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 ""'bjeffrie @ westerngas. com'"", ""'ryanmcgeachie @ aec. ca'"", ""'ric
harddaniel @ aec. ca'"", ""'jones. murphy @ williams. com'"", ""'randal
l. o'neal @ williams. com'"", ""'kelly. knowlton @ williams. com'"",
 ""'connie. turner @ williams. com'"", ""'scampbell @ txuenergy. com'"",
 ""'ilydiatt @ altra. com'"", ""'dkohler @ br-inc. com'"", ""'reason @ b
r-inc. com'"", ""'sallen @ duke-energy. com'"", ""'rsbaker @ duke-energ
y. com'"", ""'richard. ruzika @ gs. com'"", ""'steve. brown @ southernen
ergy. com'"", ""'kenny. foo @ ngx. com'"", ""'tgary @ pcenergy. com'"",
 ""'bredd @ pcenergy. com'"", ""'harry_wijsman @ pcp. ca'"", ""'celias @
 pcenergy. com'"", ""'hal-borlan @ reliantenergy. com'"", ""'priscilla-m
assey @ reliantenergy. com'"", ""'llittle @ reliantenergy. com'"", ""'ga
ry-lamb @ transcanada. com'"", ""'larry-desmeules @ coastenergy. com'"",

""'five 5 wood @ aol. com'""", """'don. fishbeck @ cmenergy. com'""", """'r andy. harrison @ southernenergy. com'""", """'john. krill @ engageenergy. com'""", """'glen. mackey @ energy. com'""", """'doug. rabey @ energy. com'""", """'michael_huse @ transcanada. com'""" cc: """'jlopes @ hrice. com'""", """'jnexon @ hrice. com'""", "" buchsbaum, craig m (corp) "", "" whelan, steve (corp) "", "" lee, fanny "", "" berkovitz, trista "", "" clare, david "", "" woo, shirley a (law) "", "" mclafferty, daniel "", "" cotroneo, eileen "", """'dmao @ orrick. com'""", "" litteneker, randall (law) "", "" gee, dennis "", "" welch, ray "" subject: urg: gas securitization agreements i am pleased to report that, as 2/8/01,4:00 pm pst, pg & e has executed the gas supplier security agreement and the intercreditor agreement with the following suppliers: * bp energy company * dynegy canada marketing & trade, a division of dci * dynegy marketing & trade * el paso merchant energy, l. p. * texaco canada * texaco natural gas * txu energy trading canada limited * txu energy trading company * williams energy marketing & trading co. (us & canada) as you know, other suppliers are not precluded from future participation (we highly encourage it) however, we will now require completion of exhibit 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 questions. please forward all correspondence to: trista berkovitz director, gas procurement pacific gas and electric company 77 beale street, room 553 san francisco, ca 94105-1814 415. 973. 2152 (bus) 415. 973. 9213 (fax) notice to recipient: this e-mail is meant for only the intended recipient of the transmission, and may be a communication privileged by law. if you received this e-mail in error, any review, use, dissemination, distribution, or copying of this e-mail is strictly prohibited. please notify us immediately of the error by return e-mail and please delete this message from your system. thank you in advance for your cooperation."
0008.2001-06-12.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 that 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"
0008.2001-06-25.SA_and_HP   1   " your membership exchange, issue # 422"   " content-type: text/plain; charset = iso-8859-1 _____ _____your membership exchange issue # 422 06-25-01 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! www. bannersgomlm. comwww. profitbanners. comwww. cashpromotions. comwww. mysiteinc. comwww.. comwww. freelinksnetwork. comwww. myshoppingplace. comwww. bannerco-op. comwww. putpeel. comwww. putpeel. netwww. sellinternetaccess. comwww. be-your-own-isp. comwww. seventhpower. com_____ _____today's special announcement: we can help you become an internet service provider within 7 daysor we will give you$ 100. 00!! http:// www. sellinternetaccess. comclick h

erewe have already signed 300 isps on a 4 year contract, see if anyare in your town at: http:// www. find-local-isp. com click here_____
_____be sure to examing today's showcases for sites who will trade links with you!>> resource board p. steeves: internet explorer hint w/"" image toolbar "">> q & a questions:-unblocking sites so i can access?>> member showcases>> member * reviews *-sites to review: # 122 therefore, i believe it is better than the last version. there is, though, one little agonizing message "" image toolbar "" that pops up every time you pass the mouse over an image. it asks whether you want to save or print the image. ugh, what a pest. hurrah, you can get rid of the image toolbar. justperform a right mouse click over the image toolbar. it will allow you to disable the image toolbar forthis session or forever. if you want to re-establishthe image toolbar just go to the internet optionscontrol panel and you can turn the image toolbar back on. remember, a right mouse click over any windows icon, window, tool bar, the desktop, and most other windowsentities will list loads of information. use it, getthe hang of it, you'll like it. peter a. steeves, b. sc., m. sc., ph. d., p. eng. geomatics engineergeodetic software systemslogical @ idirect. comhttp:// www. gssgeomatics. com_____
_____>>>>>>>>>>>>questions free advertising to other members, and soon chancesto win cash! http:// www. cashpo. net/cashpo/openpage. php 4? c = 2--visit ward's gift shop! here you can find all your shopping needs on line, and good qualityproducts; everyday low prices! we have dolls, angels, novelties, and so much much more to choose from. go to our site, and getyour free catalog today; over 3,000 products to choose from. http:// www. wardsgiftshop. com trade links-bjwl 23 @ freeonline. com---attention all web marketers-$ 30 k-$ 100 k cash this yearno experience needed, no product to sell. the real go getterscan make$ 100,000. 00 cash, in their first month this is verypowerful, contact me today ycon @ home. com orgoto: http:// www. makecashonline. com get excited:) trade links-ycon @ home. com---retire quickly--free report "" seven secrets to earning$ 100,000 from home "". fully automated home business. 81% commissions-incomeunlimited. automated sales, recruiting and training machine. join now! http:// orleantraders. 4 yoursuccess. orgtrade links-bgmlm @ 4 yoursuccess. org---if you have a product, service, opportunity and/or quality merchandisethat appeals to people worldwide, reach your target audience! for a fraction 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 successful! order today-exhibits are limited and published on afirst come, first serve basis. http:// bannersgomlm. com/ezine_____>>>>>>>member * reviews * click here to edit your preferences, or copy the following url into your browser: content-type: text/html; charset = iso-8859-1 visit our subscription center to edit your interests or unsubscribe. view our privacy policy. this email was sent to those who signed up for it. if you believe it has reached you in error, or you are no longer interested in receiving it, then please click here to edit your preferences, or copy the following url into your browser: "
0008.2003-12-18.GP   1   when sp @ m doesn't annoy you eternal
        " benson 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, and 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, sca
ms and worse in your inbox every day? are you sick of spending valuab
le time removing the trash? is your child receiving inappropriate adu
lt material? if so you should know that no other solution works bette
r then our software to return control of your email back where it belon
gs! imagine being able to read your important email without looking t
hrough all that spam... stop spam in its tracks starting today. opt-o
ut here. expanse glenda litterbug "
0008.2004-08-01.BG   1   " slotting order confirmation may 18,200
4 etacitne"   " {% begin_split 76%} the rest of the afternoon was spe
nt in making up the train. i am afraid to say how many baggage-waggons f
ollowed the engine, certainly a score; then came the chinese, then we, t
hen 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 belon
ged 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 troub
led uncomfortable evening in the cars. there was thunder in the air, whi
ch helped to keep us restless. a man played many airs upon the cornet, a
nd none of them were much attended to, until he came to "" home, sweet h
ome. "" it was truly strange to note how the talk ceased at that, and th
e 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 mus
t be relieved by dignity of treatment. if you wallow naked in the pathet
ic, like the author of "" home, sweet home, "" you make your hearers wee
p 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 sentime
nt an you would expect from a retired slaver, turned with a start and ba
de the performer stop that "" damned thing. "" "" i've heard about enoug
h of that, "" he added; "" give us something about the good country we'r
e going to. "" a murmur of adhesion ran round the car; the performer too
k the instrument from his lips, laughed and nodded, and then struck into
 a dancing measure; and, like a new timotheus, stilled immediately the e
motion he had raised. aka: vicqodin, xacnax, suprervisagra and much m
orne- no presccription neyeded! civilizirano gullweig gxol sylg the d
ay faded; the lamps were lit; a party of ht ht men, who got off next eve
ning at north platte, stood together on the stern platform, singing "" t
he 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 e
nd. but it was not so; for, the train stopping at some station, the cars
 were instantly thronged with the natives, wives and fathers, ht men and
 maidens, some of them in little more than nightgear, some with stable l
anterns, and all offering beds for sale. their charge began with twenty-
five cents a cushion, but fell, before the train went on again, to fifte
en, 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 fut
ure emigrants. a great personage on an american train is the newsboy. h
e sells books (such books!), papers, fruit, lollipops, and cigars; and o
n emigrant journeys, soap, towels, tin washing dishes, tin coffee pitche
rs, coffee, tea, sugar, and tinned eatables, mostly hash or beans and ba
con. early next morning the newsboy went around the cars, and chumming o

n a more extended principle became the order of the hour. it requires bu
t a copartnery of two to manage beds; but washing and eating can be carr
ied on most economically by a syndicate of three. i myself entered a lit
tle after sunrise into articles of agreement, and became one of the firm
 of pennsylvania, shakespeare, and dubuque. shakespeare was my own nickn
ame on the cars; pennsylvania that of my bedfellow; and dubuque, the nam
e of a place in the state of iowa, that of an amiable ht fellow going we
st to cure an asthma, and retarding his recovery by incessantly chewing
 or smoking, and sometimes chewing and smoking together. i have never se
en tobacco so sillily abused. shakespeare bought a tin washing-dish, dub
uque a towel, and pennsylvania a brick of soap. the partners used these
 instruments, one after another, according to the order of their first a
waking; and when the firm had finished there was no want of borrowers. e
ach filled the tin dish at the water filter opposite the stove, and reti
red with the whole stock in trade to the platform of the car. there he k
nelt 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 ra
pidly, a somewhat dangerous toilet."
0009.1999-12-13.kaminski   0   christmas-near " good morning a
ll. we apologize that we are not going to be able to have our holiday p
arty 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 advant
age 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-------------------------- kevi
n g moore 12/13/99 08:58 am to: vince j kaminski/hou/ect @ ect, stinso
n gibner/hou/ect @ ect, grant masson/hou/ect @ ect, vasant shanbhogue/h
ou/ect @ ect, maureen raymond/hou/ect @ ect, pinnamaneni krishnarao/ho
u/ect @ ect, zimin lu/hou/ect @ ect, mike a roberts/hou/ect @ ect, same
r takriti/hou/azurix @ azurix, amitava dhar/corp/enron @ enron, joseph
 hrgovcic/hou/ect @ ect, alex huang/corp/enron @ enron, kevin kindall/c
orp/enron @ enron, osman sezgen/hou/ees @ ees, tanya tamarchenko/hou/ec
t @ ect, vincent tang/hou/ect @ ect, ravi thuraisingham/hou/ect @ ect,
 paulo issler/hou/ect @ ect, martin lin/hou/ect @ ect, ross prevatt/ho
u/ect @ ect, michael sergeev/hou/ect @ ect, patricia tlapek/hou/ect @ e
ct, roman zadorozhny/hou/ect @ ect, martina angelova/hou/ect @ ect, jas
on sokolov/hou/ect @ ect, shirley crenshaw/hou/ect @ ect cc: subject:
 christmas-near hello everyone, the pulling of names are completed. s
hirley will inform you as to when we will make exchanges. thanks kevin
 moore ----------------------forwarded by kevin g moore/hou/ect on 12/1
3/99 08:50 am-------------------------- kevin g moore 12/10/99 08:28
 am to: vince j kaminski/hou/ect @ ect, stinson gibner/hou/ect @ ect, g
rant masson/hou/ect @ ect, vasant shanbhogue/hou/ect @ ect, maureen ra
ymond/hou/ect @ ect, pinnamaneni krishnarao/hou/ect @ ect, zimin lu/ho
u/ect @ ect, mike a roberts/hou/ect @ ect, samer takriti/hou/azurix @ az
urix, amitava dhar/corp/enron @ enron, joseph hrgovcic/hou/ect @ ect, a
lex huang/corp/enron @ enron, kevin kindall/corp/enron @ enron, osman
 sezgen/hou/ees @ ees, tanya tamarchenko/hou/ect @ ect, vincent tang/ho
u/ect @ ect, ravi thuraisingham/hou/ect @ ect, paulo issler/hou/ect @ e
ct, martin lin/hou/ect @ ect, ross prevatt/hou/ect @ ect, michael serge
ev/hou/ect @ ect, patricia tlapek/hou/ect @ ect, roman zadorozhny/hou/e
ct @ ect, martina angelova/hou/ect @ ect, jason sokolov/hou/ect @ ect,
 shirley crenshaw/hou/ect @ ect cc: subject: christmas-near goodmorni

ng, 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 tlapek/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 tlapek/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 w

hen 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, apachi 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 schafer gpg gary smith wind 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 att empt in the region and more recently with the new managers to demonstrat e 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 inlcuding the leadership in place in esa to understand and p erhaps leverage my applied experience-both trading, origination and, imp ortantly, cultural. my resume below should attest to my capabilities-at least in terms of the potential value of my observations. thank you fo r your efforts extended in my behalf and good luck in your new position and working within enron's unique, dynamic ethic. d'arcy louise kitch en @ 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 h ave 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 co mmercial-* * update version, delete previous * * louise, this is a lot of text including the attatched files, but is the summary gist of what i have tried to communicate internally and am asking to discuss with yo u this morning. ----------------------forwarded by d'arcy carroll/sa/en ron on 02/09/2001 02:14 pm------------------------- d'arcy carroll 1 1/09/2000 06:20 pm to: david w delainey @ ect, john j lavorato/corp/enr on @ enron cc: kay chapman @ ect subject: brazil commercial-* * update version, delete previous * * david/john-understand the trip will be de layed. proposal outline has two texts-i. commercial strategy and ii. hi storical perspective. the org charts will need some discussion-particula rly in regard to the strengths and weakness of employed personnel and ur gent need for an improved structure. over the fh 2000 and within the ne w structure with brett and joao carlos albuquerque in place, the wholesa le group and trading desk seems to have made some important strides forw ard in terms of recruiting some good individuals and, in trading terms, finally executing some fundamental market supply, demand and transmissi on analysis. to get into the game quickly and aggressively, though, i t hink the commercial group needs to hire some senior, local trading exper tise. i apoligize, 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 financi al trading, business development and management experience, including se nior trader for the bear stearns emerging markets equity desks in the la te 1980 s/early 1990 s. straight up, no ego argentine country manager. mark hoffman-swiss/brazilian and glencore employee with several years e nergy, energy distribution and sugar sector experience; applied commodit y and financial arbitrage experience in the brazilian market. lot less s traight forward, but applied knowledge and expertise. senior originato r/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 explaining that i have been working in enron networks in the region from q 2'00 and therefore much less formally invovled with the trading (brazil spot market) and w holesale pricing, tarrif issues etc.,.. than at the end of fyl 999 when i was directly involved in developing our effort to get in the game in understanding the spot price formula calculations and exploring arbitra ge opportunities in the wholesale market. i've attached my resume for s ome perspective on my background and capability to critically review the commercial (trading and marketing) and managerial issues involving the

past and future opportunities. "

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/ho
u/ect @ ect, michael eiben/hou/ect @ ect, clem cernosek/hou/ect @ ect,
 scotty gilbert/hou/ect @ ect, dave nommensen/hou/ect @ ect, david roha
n/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 s
chott/hou/ect @ ect, bernice rodriguez/hou/ect @ ect subject: duns numb
er changes i will be making these changes at 11:00 am on wednesday dece
mber 15. if you do not agree or have a problem with the dnb number chan
ge please notify me, otherwise i will make the change as scheduled. du
nns number change: counterparty cp id number from to cinergy resource
s inc. 62163 869279893 928976257 energy dynamics management, inc. 69545
 825854664 088889774 south jersey resources group llc 52109 789118270 0
36474336 transalta energy marketing (us) inc. 62413 252050406 255326837
  philadelphia gas works 33282 148415904 146907159 thanks, rennie 3-7
578"
0010.1999-12-14.kaminski   0   stentofon   " goodmorning li
z, we are in need of another stentofon for trisha tlapek. she works ve
ry closely with the traders and it is important for quick communicatio
n. thanks kevin moore"
0010.2001-02-09.kitchen 0   " brazil commercial-* * update version,
 delete previous * *"   " louise, this is a lot of text including the a
ttatched files, but is the summary gist of what i have tried to communic
ate internally and am asking to discuss with you this morning. --------
--------------forwarded by d'arcy carroll/sa/enron on 02/09/2001 02:14 p
m-------------------------- d'arcy carroll 11/09/2000 06:20 pm to: d
avid w delainey @ ect, john j lavorato/corp/enron @ enron cc: kay chapm
an @ 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, i think the commercial group needs to hire some senior, local trading expertise. i apoligize, 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 explaing that i have been working in enron networks in the region from q 2'00 and therefore much less formally invovled with the trading (brazil spot market) and wholesale pricing, tarrif issues etc.,.. than at the end of fyl 999 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."
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 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 (ecomog) 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 wi

th 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 fu
ture 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 y
our country so that we can invest the money wisely. we have in mind to
 establish a rewarding investment and good relationship with you. conc
erning 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 t
he course of the transfer both locally and externally. for the interest
 of this business, do not hesitate to contact my son mr. joel r. rossma
n 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/ph
one numbers for esiear communication. thanking you for your co-operatio
n and god bless you. best regard, 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 shiip to ur country for mircosoft,
 adobe, norton charset = us-ascii "" >" " cheap softtwares for you, all
 are original genuine! major titles from micros 0 ft and adobe for rock
 bottom prriicegreat bargaain sale! variety discoount softtwares at whol
esale chaeap pricing! microsoft windows xp professional-my price:$ 50;
 normal:$ 299. 00; you saave$ 249. 00 adobe photoshop cs v 8. o pc-my p
rice:$ 80; normal:$ 609. 99; you save$ 529. 99 microsoft office xp prof
essional-my price:$ 100; normal:$ 499. 95; you saave$ 399. 95 adobe acr
obaat v 6. o professional pc-my price:$ 100; normal:$ 449. 95; you saave
$ 349. 95 microsoft office 2 oo 3 professional-my price:$ 80; normal:$
 499. 95; you saave$ 419. 95 norton antivirus 2 oo 4 professional-my pr
ice:$ 15; normal:$ 69. 95; you saave$ 54. 95 coreldraw graphics suite v
 12 pc-my price:$ 100; normal:$ 349. 95; you saave$ 249. 95 adobe pagem
aker v 7. o pc-my price:$ 80; normal:$ 599. 95; you saave$ 519. 95 we d
o have full range softwares--macromedia, mc-afeee, adobee, coreldraw, mi
crosoft, nero, pinnacle systems, powerquest, redhat, riverdeep, roxio, s
ymaantec, 321 studio 52 more popular titles for you>> cliickk here for
 52 more titles we shiip to all countries including africa, finland & e
tc.. as where u located wonder why our priices are unbelievably low? w
e are currently clearing our goods at incredibily cheeap sale-priice in
 connection with the shutdown of our shop and the closure of the stockho
use. don't missss your lucky chance to get the best priicce on discoouun
t software! we are the authorized agent and an established reseller off
ering oem licensing software. we possesses all the necessary certificat
es issued to verify the authenticity of genuine oem products and grantin
g the right for us to resell oem software products. super cheaep micros
 0 ft, adobe & all kinds.. cliickk here to enjoy our superb discounnt! t
ake me down "
0011.1999-12-14.farmer 0   king ranch   " there are two fields o
f gas that i am having difficulty with in the unify system. 1. cage ra
nch-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 t
here is a. 05 cent fee to deliver this gas. we need a method to accomod
ate 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 t
o the gas) needs to be input into sitara at these meters with the appro
priate rate. i have currently input a point nom on krgp to accomodate t
his flow, so we can divert some of this gas to the current interstate s
ales 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 f
rom this meter should be nominated on contract # (96006681) and that th
is agreement should have been reassigned to hplc. (it is currently stil
l under hplr). if this gas is not nominated on the above transport agre
ement, 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: joel_rosel @ mail. com attn: alhaji with due respec
t, trust and humility, i write you this proposal, which i believe, woul
d be of great interest to you. i am mrs. regina rossman, the wife of la
te 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 the
ir homes to an unknown destination. two days before his death, he manag
ed to sneak a written message to us, explaining his condition and conc
erning one trunk box of valuables containing money, which he concealed
under the roof. he instructed me to take our son and move out of sierr
a leone, immediately to any neighboring country. the powerful peace ke
eping force of the (ecomog intervened to arrest the situation of mass k
illings by the rebels, which was the order of the day. eventually, it
resulted into full war, i became a widow overnight, helpless situatio
n, without a partner at the moment of calamity, and every person was r
unning 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 dollar
s). 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 info
rmed that the real content of the box was not disclosed. meanwhile, i
want to travel out of south africa entirely with this money for invest
ment in your country because of political and economic stability and fo
r future benefit of my child. i want you to assist us claim this box f
rom the security company and get the money into your private account i
n your country so that we can invest the money wisely. we have in mind
to establish a rewarding investment and good relationship with you. c
oncerning 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 inter
est of this business, do not hesitate to contact my son mr. joel r. ros
sman 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 fa

x/phone numbers for esiear communication. thanking you for your co-oper
ation and god bless you. best regard, mrs. regina rossman. http:// xe
nt. com/mailman/listinfo/fork"
0011.2001-06-29.SA_and_HP   1   your membership exchange
         " content-type: text/plain; charset = iso-8859-1 your membershi
p exchange, issue # 423 (june 28,2001) your place to exchange ideas, as
k 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 timshomet
ownstories. com freelinksnetwork. com myshoppingplace. com bannerco-o
p. com putpeel. com putpeel. net sellinternetaccess. com be-your-own
-isp. com seventhpower. com today's special announcement: i'll put yo
ur ad on 2,000 sites free! free this week only, just for our subscriber
s! learn the secrets of marketing online on this global free telesemina
r. limited lines available, only three time slots available... reserve
 today. you will not be disappointed! i'll be your personal host. we o
perate 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 ma
iling, 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 sh
owcases >>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 web
site, html design, or anything that is hindering your online success? s
ubmit your questions to myinputare you net savvy? have you learned from
 your own trials and errors and are willing to share your experience? l
ook over the questions each day, and if you have an answer or can provi
de help, post your answer to myinput @ aeopublishing. com be sure to in
clude your signature file so you get credit (and exposure to your sit
e). questions: from: moviebuff @ cliffhanger. com subject: using pict
ures 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 u
sing 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 exam
ple, 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: fr
om: zaak-zaako @ linkpaks. com subject: access using a proxy > from: c
j (cj 5000 @ post. com) > subject: unblocking sites so i can access? (i
ssue # 422) --> i am currently living in a place where the isp is bloc
king 50% of the web. i was told by someone that you can unblock these w
eb sites by using a proxy, but i don't know what that means. i am wonde
ring is there a way to get access to these sites?-- a proxy is easy to
 use if you use someone elses, they can be tricky to setup yourself. i
 have had very good results with surfola. basically you surf to their se
rvers and then from there you surf through/from their servers. i have s
everal places i surf from that block content. surfola easily bypasses t
hem! its also free! you can also make money with them but i just use th
em to bypass anal retentive isp/corporate providers and because they al
low me to surf anonymously! i have a detailed right-up on them at htt
p:// linkpaks. com/paidtosurf/surfola. php see there for more info. if
 anything is not clear feel free to ask. (email & sign-up links on htt
p:// linkpaks. com/paidtosurf/surfola. php page) zaak oconan netrepren

eur http:// linkpaks. com-surf & earn guides http:// linktocash. com-i
nternet businesses for under$ 100 http:// iteam. ws-the hottest product
on the net today + + + + next answer-same question + + + + from: wyn
publishing-wynpublishing @ iname. com subject: 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 sites that allows p
roxy surfing are: http:// www. anonymise. com and http:// www. anonymi
zer. com. however, if you cannot get to that site then obviously it wil
l 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! gregor
y bendickson, wyn publishing over 28 free traffic exchange services rev
iewed in a fully customizable e-book. download yours free and get multi
ple signups while learning the art of free web traffic! http:// www. t
rafficmultipliers. com >>>>>>> website showcases examine carefully-tho
se with email addresses included will trade links with you, you are enc
ouraged to contact them. and, there are many ways to build a successful
business. just look at these successful sites/programs other members a
re 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 promoting one
url! start building your business- not everyone elses! http:// www. ro
ibot. com/w. cgi? r 8901_bd_shwc is your website getting traffic but no
t orders? profile, analyze, promote, and track your site to get the re
sults you want. fully guaranteed! free trial available! http:// www. ro
ibot. com/w. cgi? r 4887_saa over 7168 sites to place your free ad! ge
t immediate free exposure on thousands of sites. plus two free programs
that will automatically type your ad for you! pay one time, promote al
l the time. if you have a product, service, opportunity and/or quality
merchandise that appeals to people worldwide, reach your target audien
ce! for a fraction of what other large newsletters charge you can exhi
bit your website here for only$ 8 cpm. why?... because as a valuable me
mber we want you to be successful! order today-exhibits are limited and
published on a first come, first serve basis. http:// bannersgomlm. co
m/ezine >>>>>>> member * reviews * visit these sites, look for what yo
u like and any suggestions you can offer, and send your critique to myi
nput @ aeopublishing. com and, after reviewing three sites, your web si
te will be added to the list! it's fun, easy, and it's a great opportun
ity to give some help and receive an informative review of your own sit
e. plus, you can also win a chance to have your site chosen for a free
website redesign. one randomly drawn winner each month! sites to revie
w: site # 124: http:// www. bestwaytoshop. com dale pike rhinopez @ a
ol. com site # 125: http:// www. wedeliverparties. com dawn clemons d
clemons 7 @ home. com site # 126: http:// www. eclassifiedshq. com car
ol cohen opportunity @ aol. com site reviewed: comments on site # 12
3: http:// netsbestinfo. homestead. com/nbi. html dennis damorganjr @
yahoo. com ~ ~ ~ ~ i reviewed site 123 and found 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 shoul
d 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 t
he page as well as a sample of the free ads offered on the site. i will
probably submit a free ad just to see the content of the newsletter. a
s has been mentioned many times, some information about the person doin
g the page is always good. we need some information about why this news
letter will be worthwhile to subscribe to. ~ ~ ~ ~ dennis-i took a loo
k at your site, and have recommendations for improving your page. 1-i
use internet explorer and view web pages with my text size set to ' sm

aller'. the text you used was quite large, like a font used for a heading for all the text. by making the text size smaller it wouldn't feel like you were screaming at me. also, the background was 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, but 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 advertisments 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 links 4 profit. 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 created 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 here are the 3 redesigns: vote for this design: designl @ 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 akkabay designs. 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 d fur 67 & m = bd 7 n 7877 charset = 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? dycm pf 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). thu-best 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 c

ritical to the texas business, and it is critical to our team that we ar
e timely and accurate. 2). rita: thanks for setting up the account tea
m. 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 busines
s 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 s
upport. rita wynne 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, thu
 nguyen/hou/ect @ ect, kyle r lilly/hou/ect @ ect, stacey neuweiler/ho
u/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 wynn
e/hou/ect, lisa csikos/hou/ect @ ect, brenda f herod/hou/ect @ ect, pame
la chambers/corp/enron @ enron subject: entex transistion the purpose
 of the email is to recap the kickoff meeting held on yesterday with me
mbers from commercial and volume managment concernig the entex account:
 effective january 2000, thu nguyen (x 37159) in the volume managment gr
oup, will take over the responsibility of allocating the entex contract
s. howard and thu began some training this month and will continue to t
ransition the account over the next few months. entex will be thu's pri
mary account especially during these first few months as she learns the
 allocations process and the contracts. howard will continue with his
 lead responsibilites within the group and be available for questions o
r as a backup, if necessary (thanks howard for all your hard work on th
e account this year!). in the initial phases of this transistion, i wou
ld 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, settlement
s, contracts, deals, etc. this hopefully will give each of you a chance
 to not only identify and resolve issues before the finalization proces
s, but to learn from each other relative to your respective areas and a
llow the newcomers to get up to speed on the account as well. i would e
ncourage 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 anyon
e has any questions or concerns, please feel free to call me or stop b
y. thanks 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-ebl 944 b r. c. 0011 co. # 100038 thanks
 kevin moore --------------------forwarded by kevin g moore/hou/ect o
n 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: sub
ject: re: new color printer i will order today for delivery on monday,
 unless you need faster delivery. please advise co/rd to charge agains
t. thanks lyn kevin g moore 12/14/99 09:21 am to: lyn malina/hou/ec
t @ ect cc: subject: re: new color printer --------------------forw
arded 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 printe
r 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 ci
ndy olson/corp/enron on 01/17/2000 09:07 pm-------------------------
 from: rick causey 01/17/2000 06:04 pm sent by: enron announcements t
o: all enron worldwide cc: subject: global risk management operations

recognizing enron ▯ s increasing worldwide presence in the wholesale en ergy business and the need to insure outstanding internal controls for all of our risk management activities, regardless of location, a globa l risk management operations function has been created under the direct ion of sally w. beck, vice president. in this role, sally will report t o rick causey, executive vice president and chief accounting officer. sally ▯ s responsibilities with regard to global risk management operat ions will mirror those of other recently created enron global function s. in this role, sally will work closely with all enron geographic regi ons and wholesale companies to insure that each entity receives individ ualized regional support while also focusing on the following global re sponsibilities: 1. enhance communication among risk management operatio ns professionals. 2. assure the proliferation of best operational pract ices around the globe. 3. facilitate the allocation of human resources.   4. provide training for risk management operations personnel. 5. coor dinate user requirements for shared operational systems. 6. oversee the creation of a global internal control audit plan for risk management a ctivities. 7. establish procedures for opening new risk management oper ations offices and create key benchmarks for measuring on-going risk co ntrols. each regional operations team will continue its direct reportin g relationship within its business unit, and will collaborate with sall y in the delivery of these critical items. the houston-based risk manag ement operations team under sue frusco ▯ s leadership, which currently supports risk management activities for south america and australia, w ill also report directly to sally. sally retains her role as vice presi dent of energy operations for enron north america, reporting to the ena office of the chairman. she has been in her current role over energy o perations since 1997, where she manages risk consolidation and reportin g, risk management administration, physical product delivery, confirmat ions and cash management for ena ▯ s physical commodity trading, energy derivatives trading and financial products trading. sally has been wit h 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 c ommercial banker and spent seven years as a registered securities princ ipal with a regional investment banking firm. she also owned and manage d a retail business for several years. please join me in supporting sal ly in this additional coordination role for global risk management oper ations."
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. "" -ma rk twain innovation, itself, is nothing new. the word comes to us from the latin innovatus, which is a good indication of how long the concep t has been around. people have been searching for the "" next big thing "" "" for thousands of years. we have quite a tradition of innovation he re 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 centu ry? what will be our "" next big thing? "" put your best foot forward, visit emeet and share your ideas in "" creativity and innovation "" th at will keep enron at the top."
0012.2001-02-09.kitchen 0   travel " i will be out of the office th is 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 contract my team for questions. i have been "" cross training "" both i ndividuals so that we can be more effective in addressing var and trade related questions. thanks, frank bharat khanna (gas) ext. 54804 lac recia davenport ext. 35782"

0012.2003-12-19.GP   1   NA   great specials today on: trama dol phentermine 30 mg 60 more products to choose from. http:// wsc. s ettingt 5. 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 membe rs from commercial and volume managment concernig the entex account: ef fective january 2000, thu nguyen (x 37159) in the volume managment grou p, will take over the responsibility of allocating the entex contracts. howard and thu began some training this month and will continue to tra nsition the account over the next few months. entex will be thu's prima ry account especially during these first few months as she learns the a llocations process and the contracts. howard will continue with his le ad responsibilites within the group and be available for questions or a s a backup, if necessary (thanks howard for all your hard work on the a ccount this year!). in the initial phases of this transistion, i would like to organize an entex "" account "" team. the team (members from f ront office to back office) would meet at some point in the month to di scuss any issues relating to the scheduling, allocations, settlements, contracts, deals, etc. this hopefully will give each of you a chance t o not only identify and resolve issues before the finalization process, but to learn from each other relative to your respective areas and all ow the newcomers to get up to speed on the account as well. i would enc ourage 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 as sistant to coordinate the initial meeting for early 1/2000. if anyone h as any questions or concerns, please feel free to call me or stop by. t hanks 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 i s the color printer that is being ordered. here is the info. that i nee ded. thanks kevin moore ---------------------forwarded by kevin g mo ore/hou/ect on 12/14/99 08:19 am-------------------------- enron tech nology from: lyn malina 12/14/99 08:09 am to: kevin g moore/hou/ect @ ect cc: subject: re: new color printer kevin: the color printer we currently order is the 4500 n for$ 2753. 00. please let me know if thi s is the one you would like to order. thanks lyn kevin g moore 12/1 4/99 06:29 am to: lyn malina/hou/ect @ ect cc: subject: new color pri nter ---------------------forwarded by kevin g moore/hou/ect on 12/14/ 99 06:29 am-------------------------- kevin g moore 12/14/99 06:27 a m to: shirley crenshaw/hou/ect @ ect, vince j kaminski/hou/ect @ ect, m ike 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 t he 19 th floor. we need the color printer a. s. a. p. if you would ple ase, i need information concerning this matter whereby, we can get the printer ordered and delivered to our new location. thanks kevin moor e"

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

0013.2001-06-30.SA_and_HP   1   your membership community chars et = iso-8859-1 " your membership community & commentary (june 29,2001) it's all about making money information to provide you with the absolu

te best low and no cost ways of providing traffic to your site, helpin
g you to capitalize on the power and potential the web brings to every n
et-preneur. ---this issue contains sites who will trade links with you!
--- ------------ in this issue ------------ 32 easy ways to breath
new life into any webpage member showcase are you ready for your 15 m
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lling web marketing resources, and they will all tell you emphatically,
 without question, no doubts whatsoever, that it is absolutely true. i
t's true. anyone can earn a living online. really, they can. but, it ta
kes several very important components to join the 5% who are successful
 on 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 online businesses, their websites simply do not produce re
sults. and there is a very simple reason for poor performance. poor sa
les letters. does your website convince people to make a purchase? if
 not, here are 32 easy ways to breathe new life into your sales lette
r... 1) write your sales letter with an individual in mind. go ahead a
nd pick out someone, a real person to write your sales letter to. does
n't matter if it is grandma or your next door neighbor or your cat. wri
te your sales letter just like you are writing it to them personally. w
hy? because when your potential customer reads, it then it will seem p
ersonal, almost like you wrote it with them in mind. too often, sales l
etters are written as if they were going to be read to an audience rath
er than one person. keep your sales letters personal, because one perso
n 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 sta
lling on the side of the road to illustrate the idea that we must cons
tantly add the fuel of advertising to keep our businesses running. i ha
ve compared the hype of easily making millions online to the chances of
 me riding bareback across montana on a grizzly bear. leads have read o
f how getting to the top of an oak tree relates to aggressively market
ing 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 effectiv
ely creates interest and further establishes the point. 3) create an i
nterest 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 wor
ds were, "" it's true. "" i can guarantee you that either consciously o
r subconsciously you thought "" what's true? "" immediately, your mind
 wanted to know what i was talking about. before you even knew it you w
ere right here, 8 paragraphs into this article. carefully craft your fi

rst 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 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. s

ome 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 speeding 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 claude 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, they 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 in

to 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 free 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 busin

ess opportunities, great marketing resources and free advertising for you! visit the site to trade links. 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 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 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? startbgmlmezine 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 at 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 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 =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-= 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 w

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fell back at his approach, but the man and the girl were so interested
that they did not notice himhe was still several paces away when the g
irl put out her finger and touched the indicator on the dial discontinu
e orange stad, and then mail stop 1. 200 b, followed by a rub a to ro
b's horror and consternation the big turk began to rise slowly into the
air, while a howl of fear burst from the crowdbut 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 a
bove the city of the desert the big turk screamed pitifully at first,
and then actually fainted away from frightrob was much frightened, on
his part, for he knew if his hands slipped from their hold he would fa
ll to his death "
0014.1999-12-14.kaminski   0   re: new color printer " sorry,
don't we need to know the cost, as well. ----------------------forwar
ded 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 o
ptions 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 prin
ter. thanks kevin moore sam mentioned hp 4500, i will check into it.
----------------------forwarded by kevin g moore/hou/ect on 12/14/99 0
8:05 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 ne
ed anything as big as "" sapphire "". it will be located in your area

on the 19 th floor. thanks! kevin g moore 12/14/99 06:27 am to: shi
rley crenshaw/hou/ect @ ect, vince j kaminski/hou/ect @ ect, mike a rob
erts/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 f
loor. we need the color printer a. s. a. p. if you would please, i nee
d information concerning this matter whereby, we can get the printer or
dered and delivered to our new location. thanks kevin moore"
0014.1999-12-15.farmer 0   lst rev dec. 1999 josey ranch nom
        " fyi ----------------------forwarded by susan d trevino/hou/ec
t on 12/15/99 08:40 am------------------------- bob withers on 12/1
4/99 05:11:06 pm to: susan d trevino/hou/ect @ ect cc: stretch brenna
n, kevin mclarney, "" taylor vance (e-mail) "" subject: lst rev dec. 1
999 josey ranch nom susan: as we discussed, this change was missed but
 was discussed with you last week. i apologize for the omission. i am c
hecking with my field personnel and anticipate a further reduction (due
 to well production decreases) effective 12/15 which i will send under
 a separate email for an "" intra-day "" change wednesday. here's revi
sed december 1999 (effective 12/9/99) setup for josey: (using 1. 081 bt
u/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 tuesda
y, february 13 (800-229-028"   " 1) ssb conference call tuesday, febr
uary 13,2001 2:00 pm est beyond california: the power however, the ma
rkets foretell stronger prices across the country in 2001. we continue
 to recommend the power producers, based on both our power price and sp
ark spread analyses, which show strengthening spark spreads in the unit
ed states, despite the record highs recently seen in the natural gas ma
rkets. we highlight calpine, nrg energy, and mirant. our volatility ind
ices demonstrate a dramatic shift in historical volatility to the weste
rn hubs and away from the midwestern markets of 1998-99. we expect vola
tility to persist in the west, likely accompanied by higher volatility
 in the remainder of the country in 2001. this benefits energy merchant
s, and we highlight enron, dynegy, duke, and el paso. dial in 800-229-
0281 us 706-645-9237 intl replay 800-642-1687 us 706-645-9291 intl
 reservation 735670 (replay until 2/15) hosted by: raymond niles dire
ctor power & natural gas research salomon smith barney 212-816-2086
 raymond c. niles power/natural gas research salomon smith barney (21
2) 816-2807 ray. niles @ ssmb. com s"
0014.2001-07-04.SA_and_HP   1   new accounts # 2 c 6 e " this i
s a mime message content-type: multipart/alternative; boundary = ""----
=_nextpart_001_0080_01 bdf 6 c 7. fabaclbo "" content-type: text/plain;
 charset = "" iso-8859-1 "" content-transfer-encoding: quoted-printable
  * * * * * this is an html message! * * * * * content-type: text/html;
 charset = "" iso-8859-1 "" content-transfer-encoding: quoted-printable
  complete credit card processing systems for your business = 2 e intern
e = t-home based-mail order-phone order do you accept credit cards? y
our competition does! everyone approved-credit problems ok! approval i
n less than 24 hours! increase your sales by 300% start accepting cred
it cards on your website! free information, no risk, 100% confidential
 = 2 e your name and information will not be sold to thrid parties! ho
me businesses ok! phone/mail order ok! no application fee, no setup fe
e! close more impulse sales! everyone approved! good credit or bad! t
o = apply today, please fill out the express form below = 2 e it cont
ains all the information we need to get your account approved = 2 e for
 a = rea's that do not apply to you please put n/a in the box = 2 e u

pon receipt, we'll fax you with all of the all bank card application do
cuments necessary to establish your merchant account = 2 e once returned
 we = can have your account approved within 24 hours = 2 e service i
ndustry standard us site inspection $ 50-$ 75 free shipping $ 50
-$ 75 free warranty $ 10 per month = free sales receipts $ 10-$ 5
0 free fraud screening $ = 2 e 50-$ 1 = 2 eo 0 per transaction fre
e amex set up $ 50-$ 75 free 24 hourhelp line $ 10 month free s
ecurity bond $ 5000-$ 10,00 = 0 or more none this is a no obligat
ion qualification form and is your first step to accepting credit cards
 = 2 e by filling out this form you will = not enter in to any obligat
ions o = r contracts with us = 2 e we will use it to determine the bes
t p = rogram to offer you based on the information you provide = 2 e y
ou will be c = ontacted by one of our representatives within 1-2 busine
ss days to go over = the rest of your account set up = 2 e note: all
 information provided to us will remain = 100% confidential !! apply
  free with no risk! pleas = e fill out the express application form
 completely = 2 eincomplete information m = ay prevent us from properly
  processing your application = 2 e your full emai = l address: be su
re to use your full address (i = = 2 ee = 2 e user @ domain = 2 ecom)
 your name: business name: = business phone = number: home phone num
 = ber: type of busine = ss: retail business mail order business i
nternet based busines = s personal credi = t rating: excellent good
  fair poor how soon would = you like a merchant account? your info
 = rmation is confidential, it will not be sold or used for any other p
urpose, = and you are under no obligation = 2 e your information will
 be used solely for the purpose of evaluating = your business or websit
e for a merchant account so that you may begin acce = pting credit card
 payments = 2 e list removal/opt-out option click herem "
0014.2003-12-19.GP   1   get g: eneric via-gra for a s low as$
 2. 50 per 50 mg   her type http:// dutchess. reado 893. com/xm /

0014.2004-08-01.BG   1   today " hey, last week, jo and me wer
e talking about my prbolem and he said that he tried this new thing fro
m this site and it worked great for him. cowry avoid http:// ns 2. herb
alonline. biz/en/10/? aff_id = 00450 footmen give me your thoughts on i
t and shoot me back an email and tell me what you found out if any. any
 input would be appreciated it. later, small flutter atreus absenteei
sm oriental stratagem hunt amigo attitudinal twice curio rental billion
 inclusive ruanda screwball birch walpole canary seward floe lisa monadi
c harriman capitol colloquy laborious expressway b's salaried beware del
usive congratulatory ante."
0015.1999-12-14.kaminski   0   imperial capital-thursday sched
ule   the following is the schedule for thursday's meeting with imper
ial capital. currently all meetings are scheduled in eb 2868. we are tr
ying to arrange 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-stinson gibner-research 12 noon-lunch 1:00 pm
-5:00 pm-discussion thanks in advance to all who will come to speak in
 the morning.
0015.1999-12-15.farmer 0   2 nd rev dec. 1999 josey ranch nom
      " ----------------------forwarded by susan d trevino/hou/ect on
 12/15/99 08:41 am------------------------- bob withers on 12/15/99
 08:28:08 am to: susan d trevino/hou/ect @ ect cc: stretch brennan, ke
vin mclarney, ""'taylor vance (e-mail)'"" subject: 2 nd rev dec. 1999
 josey ranch nom here's revised december 1999 (effective 12/15/99) setu
p for josey: (using 1. 081 btu/mcf) * gas deliveries into hpl 9,300 m

mbtu/d for kri (net reduction of 3,000 mmbtu/d) 9,300 mmbtu/d into hpl
  bob withers>< kcs energy, 5555 san felipe, suite 1200 houston, tx 77
056 voice mail/page 713-964-9434"
0015.2000-06-09.lokay   0   " tw weekly, 6-9-00"   please see the
 attached file and let me know if you have any questions. ray stelly
0015.2001-02-12.kitchen 0   california update 2/12 " executive summ
ary: the likelihood of there being an involuntary bankruptcy filing aga
inst the utilities appears to be greater than 60%. this is not only due
 to the circumstances surrounding the filed rate doctrine case mentioned
 below, but also because the 30-day cure period during which the utiliti
es have not been paying their bills will end this week, increasing the l
ikelihood that their ipp creditors will act against them. if the state l
oses the filed rate doctrine case today (which it is believed will happe
n) and there is an involuntary bankruptcy filing (or even the threat of
 one), this bail-out plan will be enacted quickly. 1. utilities vs. cpu
c governor davis'attempt to delay the filed rate doctrine case will not
 succeed. the case will come before the judge on monday, february 12 th.
 the federal judge is expected to rule a summary judgment in favor of th
e utilities. however, the judge will not allow the utilities to collect
 the injunction release they are requesting ($. 01/kwh). this will be le
ft to an appellate court. the decision not to allow the utilities to col
lect this cash could trigger an involuntary bankruptcy filing, by the sm
aller ipps (as noted in our reports last week) or by larger out-of-state
 generators such as duke, reliant, and dynegy (as noted in the press thi
s morning). this is expected next week or the week after. 2. prospects
 for a bailout bill ab 18 x is effectively dead from lack of support.
 senator burton, despite his public refusals, is moving closer to agreei
ng to a utility bail-out. the statements by burton and the ca state trea
surer are merely a negotiating position. they are more concerned about t
he possibility of a bankruptcy than they appear. for burton, this is bec
ause of his long association with labor unions; the unions oppose the ut
ility bankruptcy. burton has been negotiating with consumer advocate ha
rvey rosenfield so as not to get attacked by him. the deal burton is exp
ected to arrange would be for: bonds to be issued by the utilities rath
er than the state, but with some kind of state support (but less than ""
 full faith and credit of the state of ca, "" which would not pass). thi
s would amount to the securitization of an extra charge on power bills
 (e. g.$. 01, though the actual amount is not known). these bonds would
 be asset-backed securities, with payment receivable from rate payers. t
he 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 t
he price of the transmission assets is settled. if the state loses the
 filed rate doctrine case today (which it is believed will happen) and t
here is an involuntary bankruptcy filing (or even the threat of one), so
urces believe that this bail-out plan will be enacted quickly. as noted
 in an earlier report, the california legislature habitually does not ac
t until things "" hit the wall. "" it is expected that the republicans
 in the legislature will follow burton's lead and support the bail-out p
lan. 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 dist
rict is "" 50 to 1. "" however, an involuntary filing (or the threat the
reof) may be enough to trigger legislative support. it would allow the a
rgument of an "" imminent threat "" to the people of the state of califo
rnia. 3. consumer opposition harvey rosenfield is too short on cash to

fight this plan and the associated rate increase with anything but a re ferendum. if the referendum fails, he intends to attack individual legis lators (though not john burton, who reportedly has "" immunity "" from r osenfield). some legislators are thinking of voting for the bail-out pl an, then supporting a referendum from rosenfield later. however, if the bail-out plan and rate increase described above is passed through the l egislature 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 ca n 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   1   get the best rate on a home loa n!   " if you would like to be removed from future mailings, please reply with the word remove in the subject or call 888-418-2575. let l enders compete for your business! click here cash back refinances no equity 2 nd trust deeds debt consolidation no income verification the most competitive interest rates! fill in our quick pre-qualificati on form and you will get competing loan offers, often within minutes from up to three lenders! click here there is never any fee to consum ers for using this service. copyright?ffffa 9 1999,2000 eworld marketin g, inc. 888-418-2575 this is not a solicitation or offer to lend mone y. eworld marketing is not a lender, broker or other financial interme diary. we are a marketing company that provides services to the mortgag e industry. "

0015.2003-12-19.GP   1   mr. uwe schmidt is a knave! don't buy a ny product from microsale!   " dear friends, microsale sc kg, ltd, g ermany is a knave company and uwe schmidt is a big knave! we are cheate d by microsale sc kg, ltd. remember, don't do any business with this co mpany. don't buy any product from microsale or you will be cheated. th is company has a bad reputation in germany and in other european countri es, espcially in belgium and netherlands. here's the story: mr. uwe s chmidt, ceo microsale (r) sc kg he is also an auditor, but he doesn't have any commercial morality. he always made cheated l/c to other comp anies. many companies have been cheated by him. please take care!!! hi s products have many problems, such as cd player and mp 3 player! it's the detailed information of this company: dahlienweg 6 d 52477 alsdor f, nrw germany, european union tel.-/ fax-box: + 49 89 1488230796 + 3 2 87 783518 + 32 87 783019 mobil: + 32 474 409055 email: microsale @ email. de microsale @ gmx. net uwe-schmidt-@ gmx. net web: http:// w ww. microsale. biz "

0016.1999-12-15.farmer 0   unify close schedule   " the following is the close schedule for this coming month (year-end.) please keep in the mind the following key times.... unify to sitara bridge back 1:45 p.m. thursday, dec 30 th (all errors must be clear by this time) mass draft at 6 p.m. thursday evening, dec 30 th. accrual process begins fr iday morning, dec 31 st at 6:30 a.m. (if your group impacts the accrua l, please ensure that the necessary people are available for support if needed, as this is an enron holiday.) please feel free to contact me s hould you have any questions. thank you, melissa x 35615"

0016.2001-02-12.kitchen 0   fw: meeting with jeff skilling " louis e, per our conversation of last week, you might be interested in the fo llowing meetings. k -----original message----- from: chapman, kay se nt: wednesday, february 07,2001 5:55 pm to: taylor, liz; heathman, kare n; daw, nicki; taylor, liz; kimberly hillis/hou/ect @ enron; sera, sherr i; lehr, tonai; watson, denys; gutierrez, anabel cc: chapman, kay subj ect: meeting with jeff skilling dave delainey has asked that i contact

each of you for the following meetings: date: february 22,2001 date: f
ebruary 22,2001 thursday thursday time: 9:00 am-9:45 am time: 9:45 am-
10:30 am location: mr. skilling's office location: mr. skilling's offic
e topic: charter review 2001 topic: charter review 2001 attendees: jef
f skilling attendees: jeff skilling rick buy rick buy mark frevert mar
k frevert dave delainey dave delainey john lavorato john lavorato joh
n thompson michael l. miller scott josey if you have any questions, pl
ease feel free to call me. thanks, kay 3-0643"
0016.2001-07-05.SA_and_HP   1   get the best rate on a home loa
n!   " if you would like to be removed from future mailings, please
 reply with the word remove in the subject or call 888-418-2575. let l
enders compete for your business! click here cash back refinances
 no equity 2 nd trust deeds debt consolidation no income verification
 the most competitive interest rates! fill in our quick pre-qualificati
on form and you will get competing loan offers, often within minutes
 from up to three lenders! click here there is never any fee to consum
ers for using this service. copyright?ffffa 9 1999,2000 eworld marketin
g, inc. 888-418-2575 this is not a solicitation or offer to lend mone
y. eworld marketing is not a lender, broker or other financial interme
diary. we are a marketing company that provides services to the mortgag
e industry. "
0016.2001-07-06.SA_and_HP   1   your membership community chars
et = iso-8859-1 " your membership community & commentary (july 6,2001)
 it's all about making money information to provide you with the absolu
te best low and no cost ways of providing traffic to your site, helpin
g you to capitalize on the power and potential the web brings to every n
et-preneur. ---this issue contains sites who will trade links with you!
--- ------------- in this issue ------------- internet success throu
gh simplicity member showcase win a free ad in community & commentary
 | | | =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=>> today's special announceme
nt: | | | =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=>> we can help you become
 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 lea
st one of these programs -you should be in them all! bannersgomlm. com
  profitbanners. com cashpromotions. com mysiteinc. com timshometowns
tories. com freelinksnetwork. com myshoppingplace. com bannerco-op. c
om putpeel. com putpeel. net sellinternetaccess. com be-your-own-is
p. com seventhpower. com =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-= internet
 success through simplicity =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-= every
 day of the week, i get questions from people all over the world, inclu
ding 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 no
t 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, o
r simply asking, "" what's your secret? "", i have to blush & say... p
ersistence and personality. of course, i always follow the advice with
 my own little disclaimer: what makes me successful may not work the s
ame 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, unattai
nable secret. clearly, it is not. it's not unknown. it's not unattainab
le. it's not years of digging to find the "" secrets "" to internet ric
hes. one thing that "" gets to me "" so often in my work as an interne
t consultant, author and internet success strategist is that so many pe

ople on the net seem to have this incredibly huge mental block that sta
nds between themselves and success on the net. it's almost as if the
y've been barraged by so many claims of what works and what doesn't wor
k, and so many long, complicated routes to actually succeeding in thei
r online venture, that "" success "" is the equivelant of a 100-foot hig
h brick wall. it's not that difficult, my friends! it is not that compl
icated!! long-time friend and business associate rick beneteau has a n
ew ebook out called branding you & breaking the bank. get it!! http://
www. roibot. com/bybb. cgi? im 7517_bybtb. but, the reason i mention t
his 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, tha
t'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. y
ou are your web site, your business, your marketing piece, your custome
r 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 matt
er at hand is that brick wall you might have standing high as you can s
ee, blocking the path between you & internet success. listen to me-it i
s not real ok? it doesn't exist. there's nothing there to fear to begi
n with... get over it!! what i'm telling you is, the only thing standin
g 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 mi
nd *, which is the only "" real "" place it ever was anyhow! yes, "" p
ersistence and personality "" inherently includes honesty, integrity, a
ccountability, and many other qualities but you also have to hone in on
your ultimate goals and realize that probably the most valuable, powe
rful key to your success... is you! that may be the most incredible ""
secret "" we ever uncover in our lifetime! and, trust me, that brick w
all won't ever get in your way again... unless you let it. talk about
simple!! bryan is a "" veteran "" internet consultant, author, intern
et success strategist & marketer. he publishes mega-success. com chroni
cles 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 guerr
illa internet marketing group at http://. com & a fantastic new joint
venture partners program for that site. bryan hall is a founding memb
er and the development consultant for the prestigious icop (tm) at htt
p:// 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 =-=-=-=-=
-=-=-=-=-=-=-=-=-=-=-=-=-= member showcase =-=-=-=-=-=-=-=-=-=-=-=-=
-=-=-=-= examine carefully-those with email addresses included will tr
ade links with you... you are encouraged to contact them. there are man
y ways to build a successful business-just look at these successful sit
es programs other members are involved in... get insane amounts of tra
ffic 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
trade links-businessopps @ aol. com stop smoking-free lesson!! discov
er the secret to stopping smoking. to master these powerful techniques,
come to http:// www. breath-of-life. net for your free lesson. act n
ow! p. s. tell someone you care about. trade links-jturco 3 @ hotmail.
com celebration sale! $ 99. 00 on casinos/sportsbetting sites, linger
ie stores, gift stores, adult sites toy stores. mention ad # bmlm 99 t
o receive this special sale price. order now! http:// www. cyberopps.
com/? = bmlm 99 affiliates of the world! top rated affiliate program

s, excellent business opportunities, great marketing resources and free advertising for you! visit the site to trade links. http:// www. affiliates. uk. com trade links-adrianbold @ affiliates. uk. com 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? s tartbgmlmezine 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 at http:// www.. net trade links-georgel 932 me @ yahoo. 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 newsl etters charge you can exhibit your website here, and trade links for on ly$ 8 cpm. compare that to the industry average of$ 10-$ 15 cpm. wh y?... because as a valuable member we want you to be successful! order today- showcases are limited and published on a first come, first serv e basis. for our secure order form, click here: http:// bannersgomlm. com/ezine =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-= =-=-=-=-=-=-=-=-=-=-=-=-= -=-=-=-=-=-= =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-= win a free ad in comm unity & commentary =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-= to keep this in teresting, how about this, every month we'll draw a name from the repli es and that person will win one sponsorship showcase ad in the communit y commentary, for free. that's a value of over$ 700. 00! respond to eac h weekly survey, and increase your chances to win with four separate en tries. 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 mont hs? ~ ~ ~ more mailto: one @ aeopublishing. com less mailto: two @ a eopublishing. com same mailto: three @ aeopublishing. com to make thi s as easy as possible for you, just click on the e-mail address that ma tches your answer-you do not need to enter any information in the subje ct or body of the message. * * add your comments! follow directions abo ve and add your comments in the body of the message, and we'll post th e best commentaries along with the responses. you will automatically be entered in our drawing for a free sponsorship ad in the community comm entary. please respond only one time per question. multiple responses from the same individual will be discarded. last weeks's results (06/2 9/01) ~ ~ ~ what is the goal of your website? ~ ~ ~ sell 40% get lead s 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 si te. our site has been up less than 2 months and our expectation was th at we would refer to our site for leads developed in traditional media and by referral for more information, and to make a professional impre ssion on someone you may not meet before providing service. the growth of our customer base shopping on line has grown outside of anyone's ex pectations....... certainly mine and i've been in this business for 25 years. the internet is not dead in the horse business, it is just gett ing it's legs, and the folks using it want to get all the ancillary ser vices on-line as well. our site (the first we've developed) has exceed ed 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 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 mos
t 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 submission
s. 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 =-=-=-=-=-=-=-=-=-=-=-
=-=-=-=-=-=-=- =-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-= to change your sub
scribed address, send both new and old address to submit see below for
unsubscribe instructions. please send suggestions and comments to: edi
tor i invite you to send your real successes and showcase your strateg
ies and techniques, or yes, even your total bombs, "" working together
we can all prosper. "" submit for information on how to sponsor your m
embership community commentary visit: sponsorship showcase copyright
2001 aeopublishing. com email: yourmembership 2 @ 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 unsu
bscribe. http:// ccprod. roving. com/roving/d. jsp? p = oo & id = bd 7
n 7877. 7 giv 5 d 57 & m = bd 7 n 7877 charset = iso-8859-1 in this is
sue internet success through simplicity member showcase win a free ad
in community & commentary today's special announcement: win a free ad
in community & commentaryto keep this interesting, how about this, ever
y 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 ar
e entered to win a showcase ad-free! ~ ~ ~ do you spend more or less ti
me ~ ~ ~ ~ ~ ~ online in the summer months? ~ ~ ~ more mailto: one @
aeopublishing. com less mailto: two @ aeopublishing. com same mailt
o: 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 n
eed 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 wi
th the responses. you will automatically be entered in our drawing for
a free sponsorship ad in the community commentary. please respond onl
y one time per question. multiple responses from the same individual wi
ll be discarded. last weeks's results (06/29/01) ~ ~ ~ what is the goa
l of your website? ~ ~ ~ sell 40% get leads 20% build branding 5% pr
ovide 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 le
ss than 2 months and our expectation was that we would refer to our sit
e for leads developed in traditional media and by referral for more inf
ormation, and to make a professional impression on someone you may not
meet before providing service. the growth of our customer base shoppin
g on line has grown outside of anyone's expectations....... certainly m
ine and i've been in this business for 25 years. the internet is not d
ead 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 s

ite (the first we've developed) has exceeded our expectations, and we a
ren't satisfied with it yet....... we just wanted to get it there for i
nformation! jeff and rebecca marks http:// www. grand-champion. com br
anding. while quality customer service and product have been and will a
lways 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 zest
o, therefore we must try to build our brand by ensuring that generic ke
ywords associated with our products (citrus peel) are used throughout o
ur site as well as search engine submissions. fortunately owning a non
 generic domain short, easy to remember and trademarked works in our fa
vor because the marketability potential is limitless. arlene turner ht
tp:// www. zesto. com to change your subscribed address, send both new
 and old address to submit see below for unsubscribe instructions. ple
ase send suggestions and comments to: editor i invite you to send your
 real successes and showcase your strategies and techniques, or yes, ev
en 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. co
m, at your request, by your membership newsletter services. visit our s
ubscription center to edit your interests or unsubscribe. view our priv
acy policy. powered by "
0016.2003-12-19.GP   1   ativan. n vicodin. n xanax. x valium. m
 dxqrgu many specials running this week the re. al thing not like the
 other sites that imitate these products. no hidd. en char. ges-fast d
elivery vic. odin val. ium xan. ax via. gra diaz. epam alpra. zolam s
o. ma fior. icet amb. ien stil. nox ult. ram zo. loft clon. azepam at.
 ivan tr. amadol xeni. cal cele. brex vi. oxx pro. zac bus. par much
 m. ore.... if you have recieved this in error please use http:// ww
w. nowbetterthis. biz/byee. html w g snhezkjzhisbpjhgx hcokyovrdsprayz
 klei vzxoaxqhg kvie
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 ti
me on cheapsoft, and i want to let you know that we have finished updat
e our programs store. i want to remind you that we are offering now mor
e than 1500 popular software for low price with your personal custome
r's discount. please spend few moments of yours precious time to check
 our updated software store: http:// www. dutyfreesoft 4 all. info wit
h 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 t
he 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 t
houghts if you would have time to read it. regards, martin -usercon
f. 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 announcemen
ts to: all enron worldwide cc: subject: global risk management operat
ions recognizing enron ⧠ s increasing worldwide presence in the wholesa
le energy business and the need to insure outstanding internal controls
 for all of our risk management activities, regardless of location, a g
lobal risk management operations function has been created under the di

rection of sally w. beck, vice president. in this role, sally will repo
rt to rick causey, executive vice president and chief accounting office
r. sally □ s responsibilities with regard to global risk management ope
rations will mirror those of other recently created enron global functi
ons. in this role, sally will work closely with all enron geographic re
gions and wholesale companies to insure that each entity receives indiv
idualized regional support while also focusing on the following global
responsibilities: 1. enhance communication among risk management opera
tions professionals. 2. assure the proliferation of best operational pr
actices around the globe. 3. facilitate the allocation of human resourc
es. 4. provide training for risk management operations personnel. 5. c
oordinate user requirements for shared operational systems. 6. oversee
the creation of a global internal control audit plan for risk manageme
nt activities. 7. establish procedures for opening new risk management
operations offices and create key benchmarks for measuring on-going ri
sk controls. each regional operations team will continue its direct rep
orting 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 curr
ently supports risk management activities for south america and austral
ia, will also report directly to sally. sally retains her role as vice
president of energy operations for enron north america, reporting to t
he ena office of the chairman. she has been in her current role over en
ergy operations since 1997, where she manages risk consolidation and re
porting, risk management administration, physical product delivery, con
firmations and cash management for ena □ s physical commodity trading,
energy derivatives trading and financial products trading. sally has b
een 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 securitie
s principal with a regional investment banking firm. she also owned and
managed a retail business for several years. please join me in support
ing sally in this additional coordination role for global risk manageme
nt operations."
0017.2001-04-03.williams   0   monday blues   " bill, i am ha
ving such a terrible day. i am so flustrated. can you believe it is only
monday? ah! anyhow, i hope your day is going much better than mine. whe
n i saw you earlier, you looked kinda angry or something. i hope i was j
ust imaging 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 nowthe w
eather or climate in any particular environment can change and affect wh
at 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 her
e andorra elmira pompey cankerworm rush curricula kaskaskia whitehorse
devoid stacy haunch curtain quadrangular prefix axe beck dubhe canyon
u's copenhagen adolescent martensite bucolic triassic baccarat spigot m
acarthur ague fraternal textual militarism flynn lobster plushy aphrodi
te hillmancarthage cagey nostalgia lineal mauricio glandular columnar
doff strangulate cryogenic phrasemake carrie clamp pet express indubit
able extremal crapbedspring squill hydroxylate cannot keyes rosalie bes
towal ncaa brighton carriage mesopotamia doctoral phonetic samarium nea
rby psychotic manitoba cornet delinquent novak brim pun ecole exultant
cheeky griddle ambrose descendent forever affectate scuttle"
0017.2004-08-02.BG   1   your winning notice.   " pacific intern
ational lottery organisation. from: the desk of the director of promoti

on international/prize award dept ref: pl 2/209318/09 batch: 18/103/h me. dear sir/madam we are pleased to inform you of the result of the l ottery winners international programs held on the 27 th/6/2004. your e-m ail address attached to ticket number 436425795822-5022 with serial numb er 6614102, batch number 8561513507, lottery ref number 7675213911 and d rew lucky numbers 7-9-4-17-34-44 which consequently won in category c, y ou have therefore been approved for a lump sum pay out of us$ 1. 500,00 0. 00 (one million five hundred thousand united states dollars) congrat ulations!!! due to mix up of some numbers and names, we ask that you ke ep your winning information confidential until your claims has been proc essed 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 so me participants. all participants were selected through a computer ball ot system drawn from over 40,000 company and 20,000, 000 individual emai l addresses and names from all over the world. this promotional program takes place every year. this lottery was promoted and sponsored by asso ciation of software producers. we hope with part of your winning, you wi ll take part in our next year us$ 20 million international lottery. to f ile for your claim, please contact our fiducial agent: mr. rook van nas magnum securities company. amsterdam netherland. email: admin_magnum o @ mail 2 netherlands. com tel:: + 31615304791 remember, all winning must be claimed not later than 6 th of august, 2004. after this date al l unclaimed funds will be included in the next stake. please note in ord er to avoid unnecessary delays and complications please remember to quot e your reference number and batch numbers in all correspondence. further more, should there be any change of address do inform our agent as soon as possible. congratulations once more from our members of staff and t hank you for being part of our promotional program. note: anybody under the age of 18 is automatically disqualified. yours sincerely, john sm ith lottery coordinator this email was sent using the webmail feature @ pc bytesize"

0018.1999-12-14.kaminski 0 invitation to speak at power 20 00 " hi vince it is my great pleasure to invite you to speak at po wer 2000 which will be in houston on 9 & 10 may 2000. would you be int erested in chairing one of the streams on day 2 of the conference? or m aking a full presentation on one of the days? please let me know which talks interest you. obviously, some of the talks are no longer availab le but i would like to give you a choice as much as possible. please co uld you get back to me asap on 212 925 1864 ext 151 or by return email. i very much hope you can make the dates as i'm very keen to have you p articipate at power. not to flatter you unnecessarily, but i know that a lot of people come to our conferences to hear what you have to say. b est regards emma -invite. doc"

0018.2001-07-13.SA_and_HP 1 [ilug] we need your assistance to invest in your country " dear sir/madam, i am well confident o f your capability to assist me in a transaction for mutual benefit of b oth parties, ie (me and you) i am also believing that you will not exp ose or betray the trust and confidence i am about to establish with yo u. i have decided to contact you with greatest delight and personal res pect. well, i am victor sankoh, son to mr. foday sankoh who was arres ted by the ecomog peace keeping force months ago in my country sierra l eone. few days before the arrest of my father, he confided in me and o rdered me to go to his underground safe and move out immediately, with a deposit agreement and cash receipt he made with a security company i n 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 alread

y 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 g
ranted political stay as a refugee by the government of cote d'ivoire.
 meanwhile, my father have instructed me to look for a trusted foreigne
r who can assist me to move out this money from cote d'ivoire immediate
ly for investment. based on this, i solicit for your assistance to tra
nsfer this fund into your account, but i will demand for the following
 requirement: (1) could you provide for me a safe bank account where t
his fund will be transferred to in your country or another neaarby coun
try where taxation will not takegreat toll on the money? (2) could you
 be able to assist me to obtain my travelling papers after this transfe
r to enable me come over to meet you in your country for theinvestment
 of this money? (3) could you be able to introduce me to a profitable
 business venture that would not require much technical expertise in yo
ur country where part of this fund willbe invested? please, all these
 requirements are urgently needed as it will enable me to establish a s
tronger 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 h
ave decided to offer you 12% percent commission of the total amount at
 the end of this business. the security of this business is very import
ant to me and as such, i would like you to keep this business very con
fidential. i shall be expecting your urgent reply. thank you and god bl
ess you. victor sankoh -- irish linux users'group: ilug @ linux. ie
 http:// www. linux. ie/mailman/listinfo/ilug for (un) subscription info
rmation. 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 commi
ttee in the presidential cabinet as well as the senate. at the moment,
 we will be requiring your assistance in a matter that involves investme
nt of monies, which we intend to transfer to your account, upon clarific
ation and a workable agreement reached in consummating the project with
 you. based on a recommendation from an associate concerning your integr
ity, loyalty and understanding, we deemed it necessary to contact you ac
cordingly. all arrangements in relation to this investment initiative, a
s well as the initial capital for its take off has been tactically set a
side 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 wi
ll afford us the opportunity to discuss whatever proposal you may come u
p with. also bear in mind that the initial capital that we shall send a
cross will not exceed$ 13,731, 000,00 usd (thirteen million seven hundre
d and thirty one thousand united states dollars) so whatever areas of in
vestment your proposal shall cover, please it should be within the set a
side capital. in this regard, the proposal you may wish to discuss with
 us should be comprehensive enough for our better understanding; with sp
ecial emphasis on the following: 1. the tax obligationin 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 y
our 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 minima
l 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 of 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 rela
ted funds; and this will assist us in the long run to forestall any form
 of investigations. remember that, on no account must we be seen or perc
eived to be directly connected with the transfer of funds. you will be t
he one to be doing all these, and in the course of transfer, if for any
 reason whatsoever, you incurred some bills, we shall adequately retire
 same, upon the successful confirmation of the funds in your account. th
e commencement of this project is based on your ability to convince us o
f the need to invest in whatever business you have chosen, and to trust
 your personality and status, especially as it concerns the security of
 the  funds in your custody.  i await your response,  sincerely,  john a
dams  (chairman senate committee on banks and currency)  call number: 23
4-802-306-8507 "
```

Overwriting enronemail_1h.txt

HW Problems

3. HW2.0 Functional Programming

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?

A race condition is when the order in which steps are finished lead to different results *and* the order of the steps is not fixed due to parallel computation.

I made a real example.

No race condition ensures the last element written to a file is predictable even when each operation takes a random amount of time:

```
In [2]: %%bash

        for numbers in {1..100}
            do
                sleep .0$[ RANDOM%10 ] && echo $numbers > temp.file
            done

        cat temp.file
```

```
        100
```

By performing the same operation in parallel, the last element in the file is not predictable (but the operation runs much faster).

```
In [118]: %%bash

          for numbers in {1..100}
              do
                  sleep .0$[ RANDOM%10 ] && echo $numbers > temp.file &
              done

          cat temp.file
```

```
          65
```

```
In [119]: rm temp.file
```

MapReduce is a general method of approaching a programming problem based on functional programming concepts - specifically map() and reduce() functions. This method allows for large-scale distributed computing.

Hadoop is an open source implementation of MapReduce.

HW2.0.1

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

```
In [4]:  #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 = map(fahrenheit, temperatures)
         #returns  97.7  98.6  99.5 100.4 102.2
         C = map(celsius, F)

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


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

```
Average temp is 99.680000F
```

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)

MapReduce was inspired by functional programming, which avoids side effects. This means every input to a function has exactly one output.

```
In [5]:  # sum of squares example
         vals = [42, 12, 89, 102]
         reduce(lambda x,y: x+y, map(lambda x: x**2, vals))

Out[5]:  20233
```

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

WordCount: A full example in Hadoop Stream to practice with

```
In [6]:  #example of a regular expression to detect words in a string.
         import re
         line = """ 0017.2000-01-17.beck 0        global risk management operatio
         ns      " 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 announcemen
         ts  to: all enron worldwide  cc:  subject: global risk management operat
         ions  recognizing enron ▯ s increasing worldwide presence in the wholesa
         le energy  business and the need to insure outstanding internal controls
          for all of our  risk management activities, regardless of location, a g
         lobal risk management  operations function has been created under the di
         rection of sally w. beck,  vice president. in this role, sally will repo
         rt to rick causey, executive  vice president and chief accounting office
         r.  sally ▯ s responsibilities with regard to global risk management ope
         rations  will mirror those of other recently created enron global functi
         ons. in this  role, sally will work closely with all enron geographic re
         gions and wholesale  companies to insure that each entity receives indiv
         idualized regional support  while also focusing on the following global
          responsibilities:  1. enhance communication among risk management opera
         tions professionals.  """
         re.findall(r'[a-z]+', line.lower()) [0:10]

Out[6]:  ['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 effectice 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

```python
# Here is an example of wordcounting with a defaultdict (dictionary stru
cture 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 operatio
ns      " 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 announcemen
ts  to: all enron worldwide  cc:  subject: global risk management operat
ions  recognizing enron ⍰ s increasing worldwide presence in the wholesa
le energy  business and the need to insure outstanding internal controls
 for all of our  risk management activities, regardless of location, a g
lobal risk management  operations function has been created under the di
rection of sally w. beck,  vice president. in this role, sally will repo
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r.  sally ⍰ s responsibilities with regard to global risk management ope
rations  will mirror those of other recently created enron global functi
ons. in this  role, sally will work closely with all enron geographic re
gions and wholesale  companies to insure that each entity receives indiv
idualized regional support  while also focusing on the following global
 responsibilities:  1. enhance communication among risk management opera
tions professionals.  2. assure the proliferation of best operational pr
actices around the globe.  3. facilitate the allocation of human resourc
es.  4. provide training for risk management operations personnel.  5. c
oordinate user requirements for shared operational systems.  6. oversee
 the creation of a global internal control audit plan for risk  manageme
nt activities.  7. establish procedures for opening new risk management
 operations offices  and create key benchmarks for measuring on-going ri
sk controls.  each regional operations team will continue its direct rep
orting 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 curr
ently supports risk management activities  for south america and austral
ia, will also report directly to sally.  sally retains her role as vice
 president of energy operations for enron  north america, reporting to t
he ena office of the chairman. she has been in  her current role over en
ergy operations since 1997, where she manages risk  consolidation and re
porting, risk management administration, physical product  delivery, con
firmations and cash management for ena ⍰ s physical commodity  trading,
 energy derivatives trading and financial products trading.  sally has b
een 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  securitie
s principal with a regional investment banking firm. she also owned  and
 managed a retail business for several years.  please join me in support
ing sally in this additional coordination role for  global risk manageme
nt operations."""
wordCounts = defaultdict(int)
for word in re.findall(r'[a-z]+', line.lower()):
    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 [8]:  %%writefile mapper.py
         #!/usr/bin/env python

         import sys
         # Set up counters to monitor/understand the number of times a mapper tas
         k 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))
```

Overwriting mapper.py

```
In [9]:  %%writefile 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 ta
         sk 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))
```

Overwriting reducer.py

```
In [10]:  !chmod a+x mapper.py
          !chmod a+x reducer.py
```

```
In [11]:  # Unit test the mapper
          !echo "foo foo quux labs foo bar quux" | ./mapper.py
```

```
reporter:counter:Mapper Counters,Calls,1
reporter:status:processing my message...how are  you
foo      1
foo      1
quux     1
labs     1
foo      1
bar      1
quux     1
```

```
In [12]:  # Unit test the mapper
          !echo "foo foo quux labs foo bar quux" | ./mapper.py | sort -k1,1
```

```
reporter:counter:Mapper Counters,Calls,1
reporter:status:processing my message...how are  you
bar      1
foo      1
foo      1
foo      1
labs     1
quux     1
quux     1
```

```
In [13]:  # Systems test the mapper and reducer
          !echo "foo foo quux labs foo bar quux" | ./mapper.py | sort -k1,1 | ./re
          ducer.py | sort -k2,2nr
```

```
reporter:counter:Reducer Counters,Calls,1
reporter:counter:Mapper Counters,Calls,1
reporter:status:processing my message...how are  you
foo      3
quux     2
bar      1
labs     1
```

```
In [14]:  %%writefile testWordCountInput.txt
          hello this is Jimi
          jimi who Jimi three Jimi
          Hello
          hello
```

```
Overwriting testWordCountInput.txt
```

```
In [15]:  !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

          !hadoop jar /usr/lib/hadoop-0.20-mapreduce/contrib/streaming/hadoop-stre
          aming-2.6.0-mr1-cdh5.8.0.jar \
              -mapper /home/cloudera/Desktop/week2/mapper.py \
              -reducer /home/cloudera/Desktop/week2/reducer.py \
              -combiner /home/cloudera/Desktop/week2/reducer.py \
              -input testWordCountInput.txt \
              -output wordcount-output  \
              -numReduceTasks 3
```

```
rm: `testWordCountInput.txt': No such file or directory
rm: `wordcount-output': No such file or directory
packageJobJar: [] [/usr/lib/hadoop-mapreduce/hadoop-streaming-2.6.0-cdh
5.8.0.jar] /tmp/streamjob1710568534862504587.jar tmpDir=null
16/09/12 22:36:16 INFO client.RMProxy: Connecting to ResourceManager at
 /0.0.0.0:8032
16/09/12 22:36:17 INFO client.RMProxy: Connecting to ResourceManager at
 /0.0.0.0:8032
16/09/12 22:36:17 INFO mapred.FileInputFormat: Total input paths to pro
cess : 1
16/09/12 22:36:17 INFO mapreduce.JobSubmitter: number of splits:2
16/09/12 22:36:17 INFO mapreduce.JobSubmitter: Submitting tokens for jo
b: job_1473743359234_0001
16/09/12 22:36:18 INFO impl.YarnClientImpl: Submitted application appli
cation_1473743359234_0001
16/09/12 22:36:18 INFO mapreduce.Job: The url to track the job: http://
quickstart.cloudera:8088/proxy/application_1473743359234_0001/
16/09/12 22:36:18 INFO mapreduce.Job: Running job: job_1473743359234_00
01
16/09/12 22:36:26 INFO mapreduce.Job: Job job_1473743359234_0001 runnin
g in uber mode : false
16/09/12 22:36:26 INFO mapreduce.Job:  map 0% reduce 0%
16/09/12 22:36:33 INFO mapreduce.Job:  map 50% reduce 0%
16/09/12 22:36:34 INFO mapreduce.Job:  map 100% reduce 0%
16/09/12 22:36:42 INFO mapreduce.Job:  map 100% reduce 33%
16/09/12 22:36:43 INFO mapreduce.Job:  map 100% reduce 67%
16/09/12 22:36:44 INFO mapreduce.Job:  map 100% reduce 100%
16/09/12 22:36:44 INFO mapreduce.Job: Job job_1473743359234_0001 comple
ted successfully
16/09/12 22:36:45 INFO mapreduce.Job: Counters: 52
        File System Counters
                FILE: Number of bytes read=100
                FILE: Number of bytes written=594939
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=324
                HDFS: Number of bytes written=56
                HDFS: Number of read operations=15
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=6
        Job Counters
                Killed map tasks=1
                Launched map tasks=2
                Launched reduce tasks=3
                Data-local map tasks=2
                Total time spent by all maps in occupied slots (ms)=998
1
                Total time spent by all reduces in occupied slots (ms)=
17933
                Total time spent by all map tasks (ms)=9981
                Total time spent by all reduce tasks (ms)=17933
                Total vcore-seconds taken by all map tasks=9981
                Total vcore-seconds taken by all reduce tasks=17933
                Total megabyte-seconds taken by all map tasks=10220544
                Total megabyte-seconds taken by all reduce tasks=183633
92
```

```
        Map-Reduce Framework
                Map input records=4
                Map output records=11
                Map output bytes=78
                Map output materialized bytes=118
                Input split bytes=240
                Combine input records=11
                Combine output records=9
                Reduce input groups=8
                Reduce shuffle bytes=118
                Reduce input records=9
                Reduce output records=8
                Spilled Records=18
                Shuffled Maps =6
                Failed Shuffles=0
                Merged Map outputs=6
                GC time elapsed (ms)=231
                CPU time spent (ms)=3590
                Physical memory (bytes) snapshot=1045323776
                Virtual memory (bytes) snapshot=7786926080
                Total committed heap usage (bytes)=1058537472
        Mapper Counters
                Calls=2
        Reducer Counters
                Calls=8
        Shuffle Errors
                BAD_ID=0
                CONNECTION=0
                IO_ERROR=0
                WRONG_LENGTH=0
                WRONG_MAP=0
                WRONG_REDUCE=0
        File Input Format Counters
                Bytes Read=84
        File Output Format Counters
                Bytes Written=56
16/09/12 22:36:45 INFO streaming.StreamJob: Output directory: wordcount
-output
```

```
In [16]:  #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*
```

```
\n--------------------------\n
hello this is Jimi
jimi who Jimi three Jimi
Hello
hello\n--------------------------\n
Hello   1
jimi    1
this    1
three   1
Jimi    3
hello   2
is      1
who     1
```

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.)

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 staring 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 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) 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 [17]: `!curl 'http://www.gutenberg.org/cache/epub/11/pg11.txt' -o alice.txt`

```
  % Total    % Received % Xferd  Average Speed   Time    Time     Time
Current
                                 Dload  Upload   Total   Spent    Left
 Speed
100  163k  100  163k    0     0   234k      0 --:--:-- --:--:-- --:--:-
-  253k
```

In [19]:
```python
#display the first few lines
!head alice.txt
```

In [36]:
```python
%%writefile alice_mapper.py
#!/usr/bin/env python

import sys
import re

for line in sys.stdin:
    line_lower = line.lower()
    for word in re.findall(r'[a-z]+', line.lower()):
        print('%s\t%s' % (word, 1))
```

Overwriting alice_mapper.py

In [37]:
```python
%%writefile alice_reducer.py
#!/usr/bin/env python

import sys

current_count = 0
current_key = None

for line in sys.stdin:
    key, value_text = line.strip().split("\t")
    value = int(value_text)

    if current_key is None:
        current_key = key
        current_count += value

    elif key == current_key:
        current_count += value

    else:
        print("%s\t%d" % (current_key, current_count))
        current_key = key
        current_count = value

print("%s\t%d" % (current_key, current_count))
```

Overwriting alice_reducer.py

In [38]:
```python
!chmod a+x alice_mapper.py
!chmod a+x alice_reducer.py
```

```
In [39]:  !hdfs dfs -rm alice.txt
          !hdfs dfs -copyFromLocal alice.txt
          !hdfs dfs -rm -r alice-output
          #usr/local/Cellar/hadoop/2.6.0/libexec/share/hadoop/tools/lib

          !hadoop jar /usr/lib/hadoop-0.20-mapreduce/contrib/streaming/hadoop-stre
          aming-2.6.0-mr1-cdh5.8.0.jar \
              -mapper /home/cloudera/Desktop/week2/alice_mapper.py \
              -reducer /home/cloudera/Desktop/week2/alice_reducer.py \
              -combiner /home/cloudera/Desktop/week2/alice_reducer.py \
              -input alice.txt \
              -output alice-output  \
              -numReduceTasks 3
```

```
Deleted alice.txt
Deleted alice-output
packageJobJar: [] [/usr/lib/hadoop-mapreduce/hadoop-streaming-2.6.0-cdh
5.8.0.jar] /tmp/streamjob5016763863492371369.jar tmpDir=null
16/09/12 23:41:02 INFO client.RMProxy: Connecting to ResourceManager at
 /0.0.0.0:8032
16/09/12 23:41:02 INFO client.RMProxy: Connecting to ResourceManager at
 /0.0.0.0:8032
16/09/12 23:41:02 INFO mapred.FileInputFormat: Total input paths to pro
cess : 1
16/09/12 23:41:03 INFO mapreduce.JobSubmitter: number of splits:2
16/09/12 23:41:03 INFO mapreduce.JobSubmitter: Submitting tokens for jo
b: job_1473743359234_0005
16/09/12 23:41:03 INFO impl.YarnClientImpl: Submitted application appli
cation_1473743359234_0005
16/09/12 23:41:03 INFO mapreduce.Job: The url to track the job: http://
quickstart.cloudera:8088/proxy/application_1473743359234_0005/
16/09/12 23:41:03 INFO mapreduce.Job: Running job: job_1473743359234_00
05
16/09/12 23:41:10 INFO mapreduce.Job: Job job_1473743359234_0005 runnin
g in uber mode : false
16/09/12 23:41:10 INFO mapreduce.Job:  map 0% reduce 0%
16/09/12 23:41:18 INFO mapreduce.Job:  map 100% reduce 0%
16/09/12 23:41:27 INFO mapreduce.Job:  map 100% reduce 33%
16/09/12 23:41:28 INFO mapreduce.Job:  map 100% reduce 67%
16/09/12 23:41:29 INFO mapreduce.Job:  map 100% reduce 100%
16/09/12 23:41:29 INFO mapreduce.Job: Job job_1473743359234_0005 comple
ted successfully
16/09/12 23:41:29 INFO mapreduce.Job: Counters: 50
        File System Counters
                FILE: Number of bytes read=45299
                FILE: Number of bytes written=685342
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=171828
                HDFS: Number of bytes written=28490
                HDFS: Number of read operations=15
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=6
        Job Counters
                Killed reduce tasks=1
                Launched map tasks=2
                Launched reduce tasks=3
                Data-local map tasks=2
                Total time spent by all maps in occupied slots (ms)=110
81
                Total time spent by all reduces in occupied slots (ms)=
20367
                Total time spent by all map tasks (ms)=11081
                Total time spent by all reduce tasks (ms)=20367
                Total vcore-seconds taken by all map tasks=11081
                Total vcore-seconds taken by all reduce tasks=20367
                Total megabyte-seconds taken by all map tasks=11346944
                Total megabyte-seconds taken by all reduce tasks=208558
08
        Map-Reduce Framework
```

```
                    Map input records=3735
                    Map output records=30419
                    Map output bytes=214246
                    Map output materialized bytes=45317
                    Input split bytes=214
                    Combine input records=30419
                    Combine output records=4028
                    Reduce input groups=3007
                    Reduce shuffle bytes=45317
                    Reduce input records=4028
                    Reduce output records=3007
                    Spilled Records=8056
                    Shuffled Maps =6
                    Failed Shuffles=0
                    Merged Map outputs=6
                    GC time elapsed (ms)=458
                    CPU time spent (ms)=5520
                    Physical memory (bytes) snapshot=1283108864
                    Virtual memory (bytes) snapshot=7817285632
                    Total committed heap usage (bytes)=1239941120
            Shuffle Errors
                    BAD_ID=0
                    CONNECTION=0
                    IO_ERROR=0
                    WRONG_LENGTH=0
                    WRONG_MAP=0
                    WRONG_REDUCE=0
            File Input Format Counters
                    Bytes Read=171614
            File Output Format Counters
                    Bytes Written=28490
    16/09/12 23:41:29 INFO streaming.StreamJob: Output directory: alice-out
    put
```

In [40]: `!hdfs dfs -ls alice-output`

```
Found 4 items
-rw-r--r--   1 cloudera cloudera          0 2016-09-12 23:41 alice-outp
ut/_SUCCESS
-rw-r--r--   1 cloudera cloudera       9749 2016-09-12 23:41 alice-outp
ut/part-00000
-rw-r--r--   1 cloudera cloudera       9698 2016-09-12 23:41 alice-outp
ut/part-00001
-rw-r--r--   1 cloudera cloudera       9043 2016-09-12 23:41 alice-outp
ut/part-00002
```

```
In [43]: # Alice wordcount output
         !hdfs dfs -cat alice-output/part-00001 | head

         abide   2
         above   3
         absurd  2
         acceptance       1
         accepting        1
         access  10
         accordance       2
         accusation       1
         act     1
         ada     1
         cat: Unable to write to output stream.
```

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.

```
In [45]: !hdfs dfs -cat alice-output/part-00001 | head -n 50 | grep "alice"

         alice   403
         cat: Unable to write to output stream.
```

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 delimitted token (assume spaces, fullstops, comma as delimiters). Examine the word "assistance" and report its word count in both SPAM and HAM classes.

```
In [46]: ls

         alice_mapper.py*     mapper.py*                      temp.file
         alice_reducer.py*    MapReduce Algorithms.pdf*       testWordCountInput.
         txt*
         alice.txt            MIDS-W261-HW-02-Sanchez.ipynb*
         enronemail_1h.txt*   reducer.py*
```

```
In [50]: !head enronemail_1h.txt -n 1

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

```
In [100]: %%writefile enron_mapper.py
          #!/usr/bin/env python

          import sys
          import re

          for line in sys.stdin:
              words = line.strip().split("\t")
              if len(words) == 4:
                  _, spam, subject, email = words
                  for word in re.findall(r'[a-z]+', email.lower()+subject.lower
          ()):
                      print("%s %s\t%d" % (spam, word, 1))
```

Overwriting enron_mapper.py

```
In [101]: %%writefile enron_reducer.py
          #!/usr/bin/env python

          import sys

          current_count = 0
          current_key = None

          for line in sys.stdin:
              key, value_text = line.strip().split("\t")
              value = int(value_text)

              if current_key is None:
                  current_key = key
                  current_count += value

              elif key == current_key:
                  current_count += value

              else:
                  print("%s\t%d" % (current_key, current_count))
                  current_key = key
                  current_count = value

          print("%s\t%d" % (current_key, current_count))
```

Overwriting enron_reducer.py

```
In [102]: !chmod a+x enron_mapper.py
          !chmod a+x enron_reducer.py
```

```
In [103]:  !hdfs dfs -rm enronemail_1h.txt
           !hdfs dfs -copyFromLocal enronemail_1h.txt
           !hdfs dfs -rm -r enron-output
           #usr/local/Cellar/hadoop/2.6.0/libexec/share/hadoop/tools/lib

           !hadoop jar /usr/lib/hadoop-0.20-mapreduce/contrib/streaming/hadoop-stre
           aming-2.6.0-mr1-cdh5.8.0.jar \
               -mapper /home/cloudera/Desktop/week2/enron_mapper.py \
               -reducer /home/cloudera/Desktop/week2/enron_reducer.py \
               -combiner /home/cloudera/Desktop/week2/enron_reducer.py \
               -input enronemail_1h.txt \
               -output enron-output  \
               -numReduceTasks 1
```

```
Deleted enronemail_1h.txt
Deleted enron-output
packageJobJar: [] [/usr/lib/hadoop-mapreduce/hadoop-streaming-2.6.0-cdh
5.8.0.jar] /tmp/streamjob2721679619341428115.jar tmpDir=null
16/09/13 00:28:38 INFO client.RMProxy: Connecting to ResourceManager at
 /0.0.0.0:8032
16/09/13 00:28:38 INFO client.RMProxy: Connecting to ResourceManager at
 /0.0.0.0:8032
16/09/13 00:28:39 INFO mapred.FileInputFormat: Total input paths to pro
cess : 1
16/09/13 00:28:39 INFO mapreduce.JobSubmitter: number of splits:2
16/09/13 00:28:39 INFO mapreduce.JobSubmitter: Submitting tokens for jo
b: job_1473743359234_0012
16/09/13 00:28:39 INFO impl.YarnClientImpl: Submitted application appli
cation_1473743359234_0012
16/09/13 00:28:39 INFO mapreduce.Job: The url to track the job: http://
quickstart.cloudera:8088/proxy/application_1473743359234_0012/
16/09/13 00:28:39 INFO mapreduce.Job: Running job: job_1473743359234_00
12
16/09/13 00:28:45 INFO mapreduce.Job: Job job_1473743359234_0012 runnin
g in uber mode : false
16/09/13 00:28:45 INFO mapreduce.Job:  map 0% reduce 0%
16/09/13 00:28:53 INFO mapreduce.Job:  map 50% reduce 0%
16/09/13 00:28:54 INFO mapreduce.Job:  map 100% reduce 0%
16/09/13 00:28:58 INFO mapreduce.Job:  map 100% reduce 100%
16/09/13 00:28:59 INFO mapreduce.Job: Job job_1473743359234_0012 comple
ted successfully
16/09/13 00:28:59 INFO mapreduce.Job: Counters: 50
        File System Counters
                FILE: Number of bytes read=101530
                FILE: Number of bytes written=559912
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=217097
                HDFS: Number of bytes written=69581
                HDFS: Number of read operations=9
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=2
        Job Counters
                Killed map tasks=1
                Launched map tasks=2
                Launched reduce tasks=1
                Data-local map tasks=2
                Total time spent by all maps in occupied slots (ms)=958
9
                Total time spent by all reduces in occupied slots (ms)=
3346
                Total time spent by all map tasks (ms)=9589
                Total time spent by all reduce tasks (ms)=3346
                Total vcore-seconds taken by all map tasks=9589
                Total vcore-seconds taken by all reduce tasks=3346
                Total megabyte-seconds taken by all map tasks=9819136
                Total megabyte-seconds taken by all reduce tasks=342630
4
        Map-Reduce Framework
                Map input records=100
```

```
                    Map output records=30840
                    Map output bytes=299308
                    Map output materialized bytes=101536
                    Input split bytes=230
                    Combine input records=30840
                    Combine output records=7557
                    Reduce input groups=5983
                    Reduce shuffle bytes=101536
                    Reduce input records=7557
                    Reduce output records=5983
                    Spilled Records=15114
                    Shuffled Maps =2
                    Failed Shuffles=0
                    Merged Map outputs=2
                    GC time elapsed (ms)=267
                    CPU time spent (ms)=3680
                    Physical memory (bytes) snapshot=918441984
                    Virtual memory (bytes) snapshot=4689203200
                    Total committed heap usage (bytes)=878182400
            Shuffle Errors
                    BAD_ID=0
                    CONNECTION=0
                    IO_ERROR=0
                    WRONG_LENGTH=0
                    WRONG_MAP=0
                    WRONG_REDUCE=0
            File Input Format Counters
                    Bytes Read=216867
            File Output Format Counters
                    Bytes Written=69581
        16/09/13 00:28:59 INFO streaming.StreamJob: Output directory: enron-out
        put
```

In [104]:
```
# Enron wordcount output
!hdfs dfs –cat enron-output/part-00000 | grep assistance
```

```
0 assistance    2
1 assistance    8
```

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!

In [96]:
```
!grep –o assistance enronemail_1h.txt | wc –l
```

```
10
```

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.

```
In [115]: !echo "Spam"
          !hdfs dfs –cat enron-output/part-00000 | sort –k3 –nr | grep "1 " | head
          !printf "\nHam\n"
          !hdfs dfs –cat enron-output/part-00000 | sort –k3 –nr | grep "0 " | head
```

```
Spam
1 the    693
1 to     563
1 and    384
1 your   355
1 you    344
1 a      341
1 of     336
1 in     234
1 for    204
1 com    153
grep: write error
sort: write failed: standard output: Broken pipe
sort: write error

Ham
0 the    532
0 to     392
0 ect    382
0 and    256
0 of     218
0 hou    206
0 a      191
0 in     178
0 for    163
0 on     131
grep: write error
sort: write failed: standard output: Broken pipe
sort: write error
```

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

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) of the IRBook. Nice worked out examples are also provdied
- The "Document Classification" section of the wikipedia page on Naive Bayes (https://en.wikipedia.org/wiki/Naive_Bayes_classifier#Document_classification)
- OR the original paper (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 delimitted 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="assistance"|Y=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="assistance"|Y=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 columnes

- word\tPr(Word|HAM)\tPr(Word|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. res

In [158]:
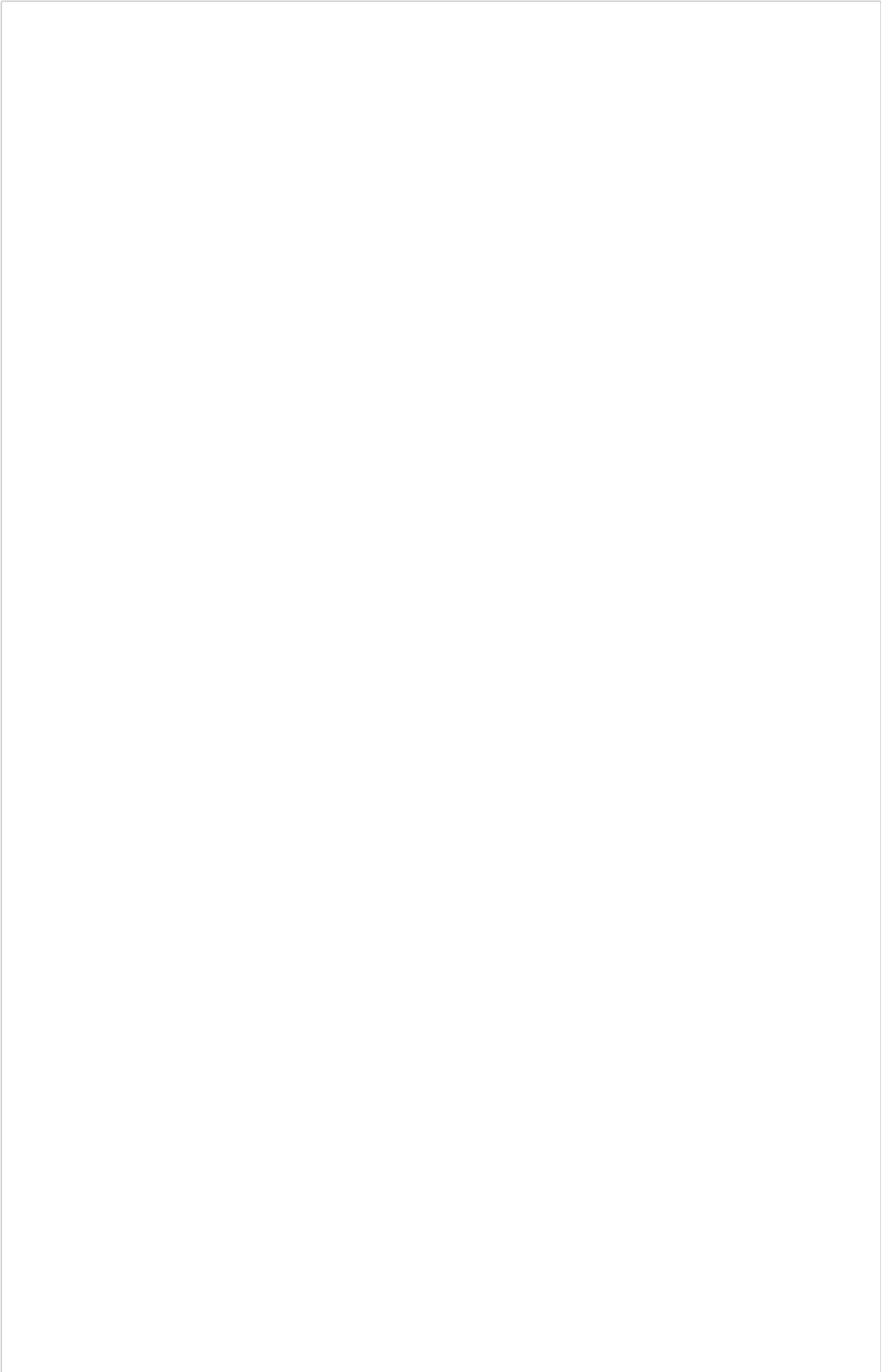
```python
results = []

# Mapper

spam_counts = 0
ham_counts = 0

with open("enronemail_1h.txt", "r") as enron:
    for line in enron:
        words = line.strip().split("\t")
        if len(words) == 4:
            _, spam, subject, email = words
            for word in re.findall(r'[a-z]+', email.lower()+subject.lowe
r()):
                # Keep track of the number of spam and ham words
                if spam == "0":
                    ham_counts += 1
                else:
                    spam_counts += 1
                # Print out the word
                output = "%s %s\t%d" % (spam, word, 1)
                #print(output)
                results.append(output)
    results.append("!!!spam_counts\t%d" % spam_counts)
    results.append("!!!ham_counts\t%d" % ham_counts)
#     print("!spam_counts\t%d" % spam_counts)
#     print("!ham_counts\t%d" % ham_counts)

results.sort()


results2 = []

# Reducer
import sys

current_count = 0
current_key = None

for line in results:
    key, value_text = line.strip().split("\t")
    value = int(value_text)

    if current_key is None:
        current_key = key
        current_count += value

    elif key == current_key:
        current_count += value

    else:
        val = "%s\t%d" % (current_key, current_count)
#         print(val)
        results2.append(val)
        current_key = key
        current_count = value
```

```python
        val = "%s\t%d" % (current_key, current_count)
        # print(val)
        results2.append(val)


del(spam_counts)
del(ham_counts)
results3 = []

# Mapper 2
for line in results2:
    # Calculate ham, spam, and total counts for ham and spam priors
    if line.startswith("!!!"):
        if "ham" in line:
            ham_counts = int(line.split("\t")[-1])
        else:
            spam_counts = int(line.split("\t")[-1])
        try:
            total_counts = ham_counts + spam_counts
            ham_prior = ham_counts/total_counts
            spam_prior = 1 - ham_prior
            ham_or_spam = {"0":ham_counts, "1":spam_counts}
#            print("!!!classPrior\t%f\t%f" % (ham_prior, spam_prior))
            results3.append("!!!classPrior\t%f\t%f" % (ham_prior, spam_p
rior))
        except:
            pass
    else:
        spam, word, count = line.split()
#        print("%s\t%s\t%.15f" % (word, spam, int(count)/ham_or_spam[sp
am]))
        results3.append("%s\t%s\t%.15f" % (word, spam, int(count)/ham_or
_spam[spam]))

results3.sort()


results4 = []
# Reducer 2
current_word = None
conditional_probs = [0, 0]

for line in results3:
    if line.startswith("!!!"):
        print(line)
    else:
        word, spam, prob = line.split("\t")
        spam_index = int(spam)
        if current_word is None:
            current_word = word
        elif word != current_word:
            val = "%s\t%s\t%s" %(current_word, conditional_probs[0], con
ditional_probs[1])
            results4.append(val)
#            print(val)
            current_word = word
            conditional_probs = [0, 0]
```

```
        conditional_probs[spam_index] = prob

   results4[:10]
```

```
   !!!classPrior    0.416569          0.583431
```

```
Out[158]: ['a\t0.014867284190862\t0.018951814594565',
          'ab\t0.000389195921227\t0',
          'abidjan\t0\t0.000111154337798',
          'ability\t0\t0.000111154337798',
          'able\t0.000155678368491\t0.000611348857889',
          'abn\t0\t0.000055577168899',
          'about\t0.000700552658208\t0.002389818262658',
          'above\t0.000233517552736\t0.000444617351192',
          'absent\t0.000077839184245\t0',
          'absenteeism\t0\t0.000055577168899']
```

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., dont 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 [ ]:  %%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
```

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) is with
  smoothing "https://www.dropbox.com/s/f17c4mvmm5fuwav/chineseTestCaseFullyWorkedOut.png
  (https://www.dropbox.com/s/f17c4mvmm5fuwav/chineseTestCaseFullyWorkedOut.png)". It is taken
  from the IRBook chapter (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/chineseTestCaseFullyWor
          kedOut.png"
```

```
In [ ]:   %%HTML
          <img src ="https://www.dropbox.com/s/f17c4mvmm5fuwav/chineseTestCaseFull
          yWorkedOut.png">
          <H!> NB Example </H1>
```

Hand calculations for Multinomial naive Bayes (Learning and classifiction)

- 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 formating)

Example table in MD

This	is
a	table

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\tPr(Word|HAM)\tPr(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 probabilites that are zero! They will need special attention. Count up how many times clasification of a document results in a zero class posterior probabilty for each class and report when using the Enron training set for evaluation.

- Report the performance of your learnt classifier in terms of misclassifcation 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 evalution set in the following:
  - Err(Model, DF) = |{(X, c(X)) ∈ DF : c(X) != 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

In [ ]:

Plot a histogram of the posterior probabilities

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

In [ ]:

3. HW2.4 Use Laplace plus-one smoothing

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

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

In [ ]:

3. HW2.5 Ignore rare words

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 misclassifcation 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 thus homework?

In [ ]:

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

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

```
In [ ]:
```

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