

[MUSIC]

[Pop captions up]

Sean Carruthers: SLINGING VIRTUAL WACKS.

WE'LL SHOW YOU HOW ONE RECORD

LABEL WENT FROM THIS TO THIS

TODAY ON "THE LAB".

[Pop captions down]

[MUSIC]

[Beeping]

[MUSIC]

Leo: WELL HELLO HOW ARE YOU?

[Pop captions up]

Leo: GOOD TO SEE YOU AND WELCOME.

WAIT A MINUTE, WAIT A MINUTE,

JUST A MOMENT WHOA.

WELCOME TO "THE LAB WITH LEO".

THANK YOU FOR WHATEVER IS IN

THERE I APPRECIATE IT.

I'M LEO LAPORTE.

THIS IS KATE ABRAHAM.

Kate: HOW ARE YOU?

Leo: IN BRIGHT YELLOW TODAY.

Kate: BRIGHT YELLOW TO

MATCH THE SET.

Leo: CAUSE IT'S A BEAUTIFUL

SUNNY DAY IN, IN LEOLAND.

Kate: ARE YOU SURPRISED?

[Pop captions down]

Kate: ARE YOU SURPRISED?

Leo: IT'S ALWAYS A SUNNY
DAY IN LEOLAND THAT'S WHY WE
HAVE NO WINDOWS.

ACTUALLY THERE'S A, THERE'S
SNOW ON THE MOUNTAIN AND IT'S
A BEAUTIFUL DAY TODAY.

Kate: I KNOW.

Leo: OUT IN VANCOUVER.

Kate: ABSOLUTELY.

Leo: YEAH.

WE'RE SO GLAD YOU'RE HERE
TODAY, EPISODE 146.

Kate: YEAH.

Leo: WE HAVE A FUN SHOW.
ACTUALLY I'M REALLY INTERESTED
IN THIS FIRST GUEST, GUESTS.
RALPH ALFONSO AND ALISON
ROGERS ARE WITH BONGO BEAT.

Kate: MMM-HMM.

Leo: A RECORD LABEL THAT
SELLS MUSIC IN SECOND LIFE.
WE'VE HEARD OF YOU KNOW
REUTERS HAS A NEWS BUREAU THERE.
SWEDEN HAS A CONSULATE THERE
AND NOW THERE'S A RECORD
STORE, A REAL RECORD STORE THERE.
INTERESTING IDEA SECOND LIFE
IS A VIRTUAL WORLD THAT'S
GETTING MORE AND MORE LIKE THE
REAL WORLD ALL THE TIME.

Kate: MMM-HMM.

Leo: WE'LL FIND TAKE A LOOK.

ALSO WE'RE GONNA TALK TO NICK
BOUTON ABOUT GETTING STARTED
WITH YAHOO'S GOOEY --

Kate: GOOEY.

Leo: MAKER, YUI, YAHOO USER INTERFACE.

IT'S ACTUALLY VERY INTERESTING
IF YOU'RE A WEB DEVELOPER
ESPECIALLY THIS WILL BE OF
INTEREST TO YOU.

AND OF COURSE YOU'VE GOT A TIP.

Kate: YES.

Leo: SEAN'S GOT A SHINY.

Kate: ABSOLUTELY.

Leo: AND WE'VE GOT CALLS GALORE.

LET'S GET OUR FIRST CALL ON.

Kate: IT'S CRAZY.

Leo: IT'S AMAZING.

Kate: IT'S AMAZING.

WE HAVE CINDY AND SHE'S FROM
MADISON IN MISSISSIPPI.

Leo: WHOA.

HELLO HMM, THANK YOU.

HELLO CINDY.

HOW ARE YOU TODAY?

Cindy: HI LEO.

IT'S SUNNY IN MISSISSIPPI TOO.

Leo: ISN'T THAT NICE?

Cindy: I ONLY WISH I COULD
SEE SOME SNOW.

Leo: OH NO YOU DON'T.

[Laughs]

Leo: SNOW'S FUN FOR THE
FIRST FIVE MINUTES.

THEN YOU HAVE TO SHOVEL IT.

Cindy: THAT'S RIGHT.

THAT'S RIGHT.

Leo: IF YOU'RE JUST

VISITING IT IT'S GREAT.

WELL IT'S NICE TO TALK TO YOU CINDY.

WHAT CAN I --

Cindy: GREAT TO TALK, GREAT

TO TALK TO YOU LEO.

Leo: THANK YOU.

[Pop captions up]

Cindy: I'M VERY EXCITED TO

TALK WITH YOU TODAY.

FIRST OF ALL I JUST WANT TO

SAY I HAVE A FRIEND THAT

BROUGHT ME OVER TO THE MAC WORLD.

Leo: OH, OH-OH.

Cindy: AND ABOUT A YEAR AGO

AND I AM SO EXCITED TO BE IN

THE MAC WORLD.

Leo: OH GOOD.

SO IT'S BEEN A GOOD EXPERIENCE

FOR YOU?

[Pop captions down]

Cindy: IT HAS BEEN A GREAT EXPERIENCE.

AND THEN I HAVE ANOTHER FRIEND

THAT INTRODUCED ME TO YOUR

PODCAST AND I WANTED TO VISIT

WITH YOU JUST A LITTLE BIT TODAY.

UM I'VE CONVERTED TO THE

LEOPARD VERSION.

Leo: OKAY.

Cindy: SO GOT THAT INSTALLED.

Leo: GOOD.

Cindy: I'VE NOT BEEN A BIG
ICHAT OR VIDEOCONFERENCE USER
REALLY BEFORE THAT TIME.
BUT YOU KNOW JUST ONLY A
COUPLE OF TIMES.
ONCE I INSTALLED THE LEOPARD
VERSION ALL OF A SUDDEN I HAD
THE ISSUES WITH ICHAT.

Leo: OH INTERESTING.

Cindy: NOW I'M TRYING TO
ICHAT WITH MY TWO GRANDSONS.

Leo: MMM-HMM.

Cindy: AT THE AGES OF FOUR
AND FOUR MONTHS.

Leo: OH ISN'T THAT NEAT?
OH HOW FUN.

Cindy: SO THIS IS VERY
IMPORTANT TO ME.

Leo: YEAH.

Cindy: UM I'M CURRENTLY I'M
A COMCAST SUBSCRIBER.

Leo: OKAY.

Cindy: AND I REALIZED AFTER
LOOKING AT SEVERAL OF THE
DISCUSSION FORUMS THAT IT
COULD BE ISSUES WITH COMCAST.
IT COULD BE ISSUES WITH LEOPARD.

[Pop captions up]

Cindy: AND ALSO MY SON HAS
RECENTLY JUST PURCHASED A MAC
AND THEY ARE AN AOL DIAL UP CUSTOMER.
SO I IMAGINE --

[Pop captions up]

Leo: OH THAT'S GONNA BE A
BIG PROBLEM.
DIAL UP IS VERY BAD FOR THIS
KIND OF THING.

[Pop captions down]

Cindy: OKAY.

Leo: SO, SO YOU WANT TO LET
ME ASK YOU A COUPLE OF QUESTIONS.
ARE YOU DOING VIDEOCHAT I
PRESUME YEAH?

Cindy: YEAH.

Leo: OKAY.
UM AND WHAT'S NOT WORKING?
ARE YOU ABLE TO TEXT CHAT WITH HIM?

Cindy: I AM ABLE TO TEXT CHAT.

Leo: OKAY.

Cindy: I, I HAVE HAD SOME
AUDIO CHAT THAT --

[Both talking at once]

Leo: AND WHAT HAPPENS WHEN
YOU GO TO THE ICHAT SETTINGS
AND YOU LOOK IN THE VIDEO SECTION?
ARE YOU ABLE TO SEE YOURSELF?
DOES A PICTURE SHOW UP THERE
OR DOES IT NOT SEE A CAMERA AT ALL?

Cindy: YEAH, YEAH I CAN SEE MYSELF.
I CAN SEE ALL THE VIDEO AND
THEN ONCE I TRY TO DIAL IN AND
DO THE VIDEOCHAT I GET A
COMMUNICATION ERROR.

Leo: AH OKAY EXCELLENT.
SO WE IT'S NOT LEOPARD AND

IT'S NOT YOUR COMPUTER.
IT'S NOT EVEN YOU.
SO HERE'S THE ISSUE AND THIS
HAPPENS ACTUALLY ALL THE TIME.
IN ORDER FOR YOU TO DO THE
VIDEOCHAT YOU HAVE TO HAVE THE
ABILITY TO COMMUNICATE WITH
THEIR ROUTER AND MAKE A
CONNECTION WITH THEIR SYSTEM.
THEY HAVE EITHER RECENTLY
ADDED A NETWORK ROUTER OR THEY
PUT SECURITY SOFTWARE.
MAYBE THEY TURNED ON THE
FIREWALL BUT IN SOME WAY
THEY'RE BLOCKING YOUR INCOMING
CONNECTION.

Cindy: OKAY.

Leo: YOU MIGHT ASK THEM TO
CALL YOU AND TRY TO ESTABLISH
A CONNECTION WITH YOU.
SOMETIMES IF YOUR, IF YOUR
PROTECTION IS DIFFERENT OR
LESSER THAN THEIR'S THEY CAN
GET TO YOU BUT YOU CAN'T GET
TO THEM.
THE PROBLEM IS ON THEIR SIDE
RIGHT NOW BECAUSE IT'S YOU
TRYING TO CONNECT WITH THEM
AND THEY'RE REFUSING YOUR
CONNECTION.

Cindy: OKAY.

Leo: SO THAT MEANS THEY
HAVE SOME SORT OF SECURITY

HARDWARE OR SOFTWARE BLOCKING
THE INCOMING CALL.

Cindy: OKAY.

Leo: AND NOW I'M GONNA
RECOMMEND A COUPLE OF THINGS.
FIRST OF ALL ICHAT ISN'T VERY
GOOD FOR GETTING AROUND THESE
PROBLEMS.
BUT THERE IS A PROGRAM THAT
DOES A GREAT JOB IT CALLED SKYPE.
HAVE YOU HEARD ABOUT SKYPE?

Cindy: I HAVE ON YOUR SHOW.

Leo: YEAH IT'S FREE.
I THINK IT DOES A BETTER JOB
OF VOICE AND VIDEOCHAT.
AND BEST OF ALL IT GOES RIGHT
AROUND THOSE ROUTERS AND
FIREWALLS IN GENERAL.
IT ALMOST NEVER IS STOPPED.

[Pop captions up]

Leo: IT DOES SOMETHING
CALLED NAT TRAVERSAL, WHICH
ICHAT DOES NOT DO.

Cindy: OKAY.

Leo: SO ICHAT GETS STYMIED
BY THE FIREWALL.
NOW YOU CAN AND YOU COULD TELL
YOUR, YOUR SON TO, TO GO IN
AND, AND FIDDLE WITH THE
FIREWALL SETTINGS AND MAKE IT
AND OPEN UP A PORT FOR ICHAT.

[Pop captions down]

Leo: BUT IT'S KIND OF

COMPLICATED.

IT'S ACTUALLY INSTANT MESSENGING.

THE OTHER PROBLEM IS A BIGGER PROBLEM, WHICH IS THAT THEY'RE ON DIAL UP.

THEY'RE NOT GONNA HAVE MUCH SPEED IN TERMS OF VIDEO.

THEY MIGHT WHAT YOU MIGHT BE ABLE TO DO IS SEND THEM VIDEO.

THEY BUT, BUT YOU MAY NOT BE ABLE TO SEE YOUR GRANDKIDS WHICH KIND OF WOULD SPOIL THE WHOLE FUN OF IT WOULDN'T IT?

Cindy: RIGHT, RIGHT.

Leo: YEAH AS LONG AS THEY'RE ON DIAL UP IT'S GONNA BE VERY HARD FOR YOU TO SEE VIDEO FROM THEM.

Cindy: OKAY.

WELL THE SECOND PART OF MY QUESTION IS THAT IS THEY'VE BEEN INVESTIGATING SATELLITE INTERNET SERVICE AND --

Leo: YEAH THAT'S NOT GONNA HELP THOUGH UNFORTUNATELY.

Cindy: OKAY, ALL RIGHT.

Leo: IT IMPROVES THE DOWNSTREAM A LOT AND THERE'S QUITE A FEW OF THESE YOU KNOW PROBABLY YOU KNOW DIRECT TV SYSTEM IS PROBABLY THE BEST FOR THEM.

Cindy: RIGHT.

Leo: IF THEY ESPECIALLY IF
THEY ALREADY HAD DIRECT TV.
BUT UNFORTUNATELY THE NATURE
OF SATELLITE INTERNET IS SUCH
THAT THE DOWNSTREAM'S GOOD.
YOU KNOW YOU MIGHT GET UP TO
400 KILOBITS OR MORE.
BUT THE UPSTREAM BECAUSE
YOU'RE, YOU'RE ESSENTIALLY
SENDING A SIGNAL TO A
SATELLITE THE UPTREAM IS SLOW.
IT'S ACTUALLY, IT'S ACTUALLY
MODEM SLOW AND UNFORTUNATELY
THAT'S EXACTLY THE PROBLEM IN
SKYPE AND AOL AND ALL OF THESE
OTHER THINGS IS THAT THEY NEED
GOOD UPSTREAM BANDWIDTH CAUSE
YOU'RE SENDING A PICTURE UP TO THEM.

Cindy: OKAY.

Leo: AND SO EVEN WITH
SATELLITE, I WOULDN'T GET, I
WOULDN'T TELL HIM TO GET
SATELLITE JUST TO DO THIS.
IT CERTAINLY ISN'T GONNA HELP.

Cindy: BUT SATELLITE WOULD
HELP THEM --

Leo: WILL NOT HELP, IT WILL
ONLY HELP THEM FOR SPEEDING UP
THEIR BROWSING.

Cindy: RIGHT, RIGHT, RIGHT.

Leo: IT WILL DO THAT BIG TIME.

Cindy: OKAY.

Leo: SO THEY LIVE IN A

RURAL AREA WHERE THEY CAN'T
GET CABLE OR DSL?

Cindy: VERY RURAL.

Leo: YEAH.

Cindy: CABLE IS COMING BUT
IT'S NOT THERE YET.

Leo: OKAY.

[Pop captions up]

Cindy: AND THERE WERE A
COUPLE OF SATELLITE INTERNET
SERVICES WE WERE
INVESTIGATING.

BUT YOU KNOW I'VE READ SOME
GOOD THINGS AND I'VE READ SOME
BAD THINGS SO ON THE NET ABOUT
THEM.

SO I'M KIND OF RELUCTANT.

Leo: YEAH NONE OF THEM WILL
GIVE YOU ENOUGH BANDWIDTH TO
DO SKYPE.

[Pop captions down]

Cindy: YEAH.

Leo: THEY'LL AND, AND YOU
SPEND A LOT OF MONEY FOR THE
EQUIPMENT UP FRONT, HUNDREDS
OF DOLLARS.

Cindy: RIGHT.

Leo: FOR, FOR PEOPLE IN
RURAL AREAS IT REALLY IS OFTEN
THE ONLY CHOICE.

ALTHOUGH THEY, THEY MIGHT
CHECK AROUND.

MORE AND MORE WE'RE SEEING

RURAL PROVIDERS OFFER OTHER FORMS OF WIRELESS INTERNET THAT ARE FASTER LIKE WIMAX OR MMDS, WHICH IS A MICROWAVE DISTRIBUTION SYSTEM.

THERE ARE BETTER WAYS OF DOING THIS THAN SATELLITE.

SO THEY MIGHT INQUIRE TO SEE IF ANYBODY, BUT IF THEY'RE IN A VERY RURAL AREA IT'S GONNA BE HARD.

AND, AND THE REAL PROBLEM UNFORTUNATELY IS THERE'S TOO FEW PEOPLE IN THAT AREA TO JUSTIFY PUTTING A LOT OF PHYSICAL PLAN IN RIGHT?

Cindy: CORRECT.

Leo: AND SO THE PHONE COMPANY DON'T WANT TO DO IT. THE CABLE COMPANY I'M SURPRISED THEY'RE GETTING CABLE. THAT'S ACTUALLY GOOD NEWS BECAUSE WHAT YOU HOPE IS IT WILL BE A MODERN CABLE COMPANY THAT WILL PUT IN DATA AS WELL AS TELEVISION. IF THEY DO THAT THEN YOU'RE GOLDEN.

[MUSIC]

Leo: THEN YOU'RE GONNA BE YOU'LL HAVE IT'LL BE GREAT. FULL SCREEN PICTURES AND EVERYTHING.

SO TO SOLVE YOUR PROBLEM GET

SKYPE, IT REALLY WORKS BETTER
THAN ICHAT.

I LOVE SKYPE AND AS FAR AS
SATELLITE DON'T DO IT FOR THE
SKYPE OR THE ICHAT.

BUT CERTAINLY IF THEY WANT TO
SPEED UP THEIR BROWSING IT'S
ONE WAY TO DO IT.

AND MY EXPERIENCE IS IT'S VERY
EXPENSIVE AND IT DOESN'T MAKE
A HUGE AMOUNT OF DIFFERENCE
ESPECIALLY SINCE THE UPSTREAM
IS SO BAD.

HEY CINDY IT'S SO GOOD TO TALK
TO YOU.

THANK YOU FOR WATCHING.

I REALLY APPRECIATE TO YOUR
LISTENING TO THE SHOWS ON THE
INTERNET AS WELL.

THAT'S GREAT.

[Pop captions up]

Leo: COMING UP WE'RE GONNA
TALK ABOUT A DIFFERENT WAY TO
SELL MUSIC.

SEE RECORD COMPANIES THE SMART
ONES ARE LOOKING AT NEW
BUSINESS MODELS AND RALPH
ALFONSO AND ALISON ROGERS FROM
BONGO BEAT HAVE A GREAT IDEA,
SELLING TO YOU IN THE VIRTUAL
WORLD.

WE'LL TALK ABOUT IT WHEN "THE
LAB" CONTINUES.

YOU STAY RIGHT HERE.

[MUSIC]

[Pop captions down]

[Commercial break]

[MUSIC]

Leo: WELCOME BACK TO "THE LAB".

TIME TO TALK ABOUT MUSIC,

MUSIC IN THE DIGITAL AGE.

IT'S VERY DIFFERENT NOWADAYS.

RALPH ALFONSO AND ALISON

ROGERS ARE CO-OWNERS OF BONGO

BEAT RECORDS AND HAPPY TO BE

HUSBAND AND WIFE AS WELL WHICH

IS NICE.

[Both laugh]

Leo: AND, AND LONG TIME

MUSICIANS AND PART OF THE

MUSIC SCENE.

YOU'VE SEEN A LOT OF CHANGES.

Ralph Alfonso: HMM.

Leo: WELL YOU NOT SO LONG.

BUT HE'S BEEN AROUND HERE

FOREVER.

SO YOU'VE SEEN A LOT OF

CHANGES OVER TIME AND IT'S A

DIFFICULT TIME TO BE A RECORD

LABEL ISN'T IT?

Ralph Alfonso: IT'S

EXTREMELY HARD.

YOU'RE UP AGAINST THIS WHOLE

DOWNLOAD THING.

[Pop captions up]

Ralph Alfonso: AND, AND

BASICALLY PEOPLE HAVE THE
PERCEPTION THAT MUSIC IS FREE.

Leo: RIGHT.

Ralph Alfonso: AND YOU'VE
GOT TO GIVE EM SOMETHING IF
YOU WANT EM TO PAY FOR IT.

Leo: RIGHT.

[Pop captions down]

Ralph Alfonso: SO IT'S,
IT'S PUTTING A LOT OF THE
MAJOR LABELS WHO ARE BEHIND
THE TIMES UM A LOT OF THEM ARE
GOING OUT OF BUSINESS --

[Both talking at once]

Leo: BUT ISN'T IT AN
OPPORTUNITY FOR SOMEONE LIKE
YOU --

Ralph Alfonso: ITS
FANTASTIC FOR US.

Leo: BECAUSE YOU'RE MORE
NIMBLE AND YOU CAN BE MORE
WITH IT AND SEE WHAT'S GOING ON.
AND I MEAN YOU'RE STILL
PUTTING STUFF ON PLASTIC I SEE.

Ralph Alfonso: MMM-HMM.

Leo: THAT'S NOT GOING AWAY.

Ralph Alfonso: THAT'S NEVER
GONNA GO AWAY.

Leo: IN FACT SEE THESE ARE
SOME OF YOUR NEWER CDS.
SEE I CAN'T WAIT TO GET THIS.
THIS IS KATRINA AND THE WAVES.
THE ORIGINAL RECORDINGS BEFORE

THEY SEXED THEM UP.

THEY PHIL SPECTORED EM RIGHT.

Alison Rogers: THAT'S RIGHT.

Leo: WITH A SAXOPHONE AND
ALL THAT STUFF.

[Pop captions up]

Leo: I CAN'T WAIT TO HEAR
THIS AH ARI SHINE ANOTHER ONE
OF YOUR ARTISTS.

Ralph Alfonso: HE'S A
FANTASTIC LOS ANGELES
SONGWRITER.

[Pop captions down]

Leo: MARIN KADDEL.

Ralph Alfonso: SHE AH HE
WELL SHE'S A HE NOW, BUT THE
BIG INTERNATIONAL HIT WAS
CALLED "THE SWEATER".

Leo: OH YEAH.

Ralph Alfonso: AND THAT'S,
THAT'S ON THAT ALBUM.

Leo: OH YEAH YOU CAN EVEN
SEE THE SWEATER, ITS BLUE.
AND THEN THIS IS YOUR OWN CD.

Ralph Alfonso: THAT'S RIGHT.
THAT WAS A LITTLE PERFORM RIGHT.

Leo: OF, OF KIND OF JAZZ,
POETRY STYLING --

Ralph Alfonso: BEATNIK.

Leo: BEATNIK.

Ralph Alfonso: BEATNIK DUDE.

Leo: BUT YOU WERE BIG IN
THE PUNK SCENE TOO.

Ralph Alfonso: THAT'S RIGHT.

Leo: SO, SO IT'S REALLY
INTERESTING TO SEE HOW THINGS
HAVE CHANGED OVER THE LAST TWO
DECADES AND --

Ralph Alfonso: WELL
EVERYTHING IS SPEEDING BY VERY
QUICKLY.

Leo: YEAH.

Ralph Alfonso: AND AS YOU
SAY YOU'VE GOT TO BE ON TOP OF
IT TO BE NIMBLE.
AND AH --

Leo: CAN YOU GET ON ITUNES
WITH THIS STUFF?
IS THAT WHERE YOU WANT TO BE
IF YOU'RE A RECORD LABEL THESE
DAYS?

Ralph Alfonso: YES IT'S, IT'S A MUST.

Leo: YEAH.
AND HOW ARE THEY WITH
INDEPENDENT, INDEPENDENT LABELS?
I MEAN CAN YOU GO TO THEM AND
SAY WE'VE GOT MUSIC OR DO YOU
HAVE TO BE EMI?

Ralph Alfonso: YOU, YOU,
YOU CAN APPLY.
I APPLIED AND LUCKILY MY
CATALOGUE IS CONSISTENT ENOUGH.

Leo: GOOD ENOUGH.

Ralph Alfonso: OF WELL
KNOWN MATERIAL THAT I --

Leo: YEAH.

Ralph Alfonso: I GO

DIRECTLY INTO ITUNES.

OTHERWISE THERE'S WHAT'S

CALLED AGGREGATORS.

Leo: RIGHT LIKE CDNOW, CDBABY.

Ralph Alfonso: WHO CDBABY I

WOULD RECOMMEND.

Leo: YEAH.

Ralph Alfonso: THAT IS THE

BEST ONE.

Leo: YEAH, YEAH.

Ralph Alfonso: BUT THEN

THERE'S OTHER ONES.

IF YOU'RE SLIGHTLY FURTHER UP

THE LADDER THERE'S IOTA.

Leo: MMM-HMM.

Ralph Alfonso: I THINK

THERE'S IRIS.

Leo: SO THEY, THEY HAVE A

DEAL WITH APPLE --

Ralph Alfonso: YEAH.

Leo: AND YOU WORK THROUGH

THEIR DEAL WITH APPLE.

Ralph Alfonso: YOU GET A

PERCENTAGE.

Leo: YEAH.

Ralph Alfonso: UM OH

ACTUALLY THEY TAKE A

PERCENTAGE OF WHAT --

Leo: WHAT ABOUT THE OTHER

MUSIC STORES?

ARE THEY IMPORTANT NOW?

I MEAN THE PLACES LIKE THE

ZOOM MARKETPLACE, YAHOO MUSIC
RHAPSODY, PURETRACKS, HOW
IMPORTANT ARE THEY?
LIKE MUCH LESS ISN'T IT?

[Laughs]

Ralph Alfonso: YEAH IT'S LESS.

Leo: WE DON'T WANT TO BE
MEAN YEAH.

Ralph Alfonso: I'LL, I'LL,
I'LL BE HONEST WITH YOU.

Leo: YEAH.

Ralph Alfonso: WHEN I GET
FOR EXAMPLE I'M ON CDBABY
WITH, WITH SOME OF MY ROSTER.

Leo: RIGHT.

Ralph Alfonso: AND WHEN I
GET THE STATEMENTS IN I THINK
IT'S IMPORTANT TO HAVE A
PRESENCE ON EVERYTHING.

Leo: SURE.

Ralph Alfonso: BUT WHEN THE
STATEMENTS COME IN YOU'LL SEE
ITUNES \$50, EMUSIC \$5.00 AND
THE REST OF THEM 50 CENTS.

Leo: ISN'T THAT
INTERESTING?

Ralph Alfonso: YOU KNOW
WHAT I MEAN?
SO IT --

Leo: I'M GLAD TO KNOW
EMUSIC DOES OKAY FOR YOU
THOUGH.

Ralph Alfonso: YEAH IT DOES

OKAY, I MEAN --

Leo: I LIKE THEIR MUSIC.

I MEAN I LIKE THEIR MODEL.

Ralph Alfonso: THEY
SPECIALIZE IN THE MORE OBSCURE
AND HARD TO GET.

Leo: RIGHT.

Ralph Alfonso: SO I'LL
DEFINITELY RECOMMEND THEM AND
VERY AGGRESSIVE.

Leo: AND, AND COPY
PROTECTION FREE WHICH I LIKE.

Ralph Alfonso: PROTECTION FREE.

Leo: YEAH.

Ralph Alfonso: WHICH I
THINK ITUNES IS PROBABLY GONNA
HEAD THAT, I THINK --

Leo: EVERYBODY HAS TO HEAD
THAT WAY BECAUSE CUSTOMERS
DON'T WANT DRL.

Ralph Alfonso: WELL AH
THERE WAS THE STEVE JOBS
STATEMENT A COUPLE OF MONTHS
AGO --

Leo: RIGHT.

Ralph Alfonso: WHERE IT,
IT'S NOT WHAT ITUNES WANTS
IT'S WHAT THE RECORD LABELS --

Leo: RECORD LABELS MAKE EM.

Ralph Alfonso: HAVE, HAVE
FORCED THEM TO DO.

Leo: RIGHT.

Ralph Alfonso: AND SO THEY

WILL COME AND IT'S, IT'S
SPEEDING UP VERY QUICKLY NOW.

Leo: SO ALISON I KNOW IS A
SECOND LIFE FANATIC.

WERE YOU INTO SECOND LIFE
BEFORE THIS?

Alison Rogers: NO.

Leo: SO YOU SAID WE NEED A
NEW WAY TO DISTRIBUTE THIS
STUFF AND YOU FOUND THIS
VIRTUAL WORLD WHICH IS VERY
POPULAR.

Alison Rogers: YEAH.

Leo: SHOW US THIS IS SECOND LIFE.
YOU'RE IN YOUR IS THIS YOUR
RECORD STORE?

Alison Rogers: THIS IS OUR STORE.

Leo: YOU HAVE A STORE?

Alison Rogers: WE HAVE A STORE.

Leo: OH WRONG COMPUTER.

THAT'S MY COMPUTER.

THAT'S SKYPE.

Alison Rogers: OH.

Leo: SO CAN WE DO I HAVE TO
PRESS A BUTTON HERE?
THEY, THEY CAN DO IT
THEMSELVES.

SO THIS IS, THIS IS YOUR STORE
IN SECOND LIFE.

Alison Rogers: THIS IS OUR STORE.

Leo: SO EXPLAIN QUICKLY
WHAT SECOND LIFE IS.

IT'S, ITS LIKE A 3-D WORLD?

Alison Rogers: IT'S A 3-D
ANIMATED WORLD AND --

Leo: OKAY THAT'S ALISON
STANDING THERE.

Ralph Alfonso: MMM-HMM.

[Pop captions up]

Alison Rogers: YEAH MY CHARACTER.

Leo: OKAY.

Alison Rogers: YEAH AND UM
AND BASICALLY IT'S A SECOND
LIFE AND WITHOUT THE --

[Pop captions down]

Leo: PEOPLE SPEND A LOT OF
TIME IN THERE.

Alison Rogers: THEY DO.
SO YOU CAN USE YOUR
IMAGINATION, CREATE YOUR OWN
CHARACTER YOU KNOW OWN YOUR
OWN ISLAND, WHICH WE OWN AN
ISLAND SO.

Leo: YEAH SOME PEOPLE YOU DO?

Alison Rogers: YEAH, YEAH,
YEAH WE OWN AN ISLAND.

Leo: WHAT DO YOU CALL IT
BONGO BEAT ISLAND?

Alison Rogers: NO IT'S CALLED AUROHA.

Leo: AROHA.

Alison Rogers: AROHA ISLAND
PARADISE SO.

Leo: I LIKE IT.

Alison Rogers: YEAH.

Leo: AND WHAT DO YOU DO ON
THE ISLAND?

Alison Rogers: UM WELL IT'S

LIKE A RESORT.

Leo: YOU SHOULD MOVE AROUND

A LITTLE BIT CAUSE PEOPLE ARE

GONNA THINK IT'S A STILL

PICTURE.

Alison Rogers: OKAY YEAH I KNOW.

Leo: IT'S NOT REALLY A

STILL PICTURE.

Alison Rogers: YEAH, NO.

Leo: THERE, THERE'S ALISON.

Alison Rogers: YEAH I'M NOT

WE, WE OUR STORE WE CREATED A

RAFT SO IT'S LIKE OUTSIDE.

Leo: OH IT SOUNDS FUN.

Alison Rogers: YEAH.

AND ITS --

Leo: IT'S JUST OUTSIDE THE

ISLAND OR --

Alison Rogers: WELL IT'S

FLOATING.

[Both talking at once]

Ralph Alfonso: -- YEAH SURE.

Alison Rogers: IT'S

FLOATING LIKE YEAH.

Leo: IF YOU, YOU DO A

SEARCH WHEN YOU GO TO SECOND

LIFE FOR BONGO BEAT I IMAGINE--

Alison Rogers: IT WILL COME UP.

Leo: IT WILL FIND YOU.

AND WHAT'S YOUR CHARACTER'S

NAME IN SECOND LIFE?

Alison Rogers: AH LAVINIA

LA VIOLETTE.

Leo: I'M PRUNEFACED

SPATULA, NICE TO MEET YOU.

Alison Rogers: OH NICE TO MEET YOU.

WE'LL HAVE TO BECOME FRIENDS.

[Leo laughing]

Leo: SO --

Alison Rogers: I'M, I'M NOT BEING --

[Both talking at once]

Leo: THE WAY YOU'RE SELLING
STUFF IS YOU PUT UP THESE BIG
POSTERS AND THEY CAN CLICK ON
THEM RIGHT?

Alison Rogers: YEAH.

Leo: THEN WHAT HAPPENS DOES
IT DOWNLOAD TO THEIR COMPUTER OR?

Alison Rogers: YEAH I CAN,
I CAN DO ONE.

I CAN GO --

Leo: OKAY BUY A SONG.

Alison Rogers: AND BUY
"WALKING ON SUNSHINE".

Leo: OKAY.

Alison Rogers: SO I'LL JUST CLICK ON IT.

[MUSIC]

[Singing background]

Leo: OH WE HEAR IT ALREADY.

Alison Rogers: I CAN JUST
CLICK ON IT.

IT'S NOT WORKING.

Leo: OF COURSE.

COMPUTERS NEVER WORK WHEN
YOU'RE ON LIVE TELEVISION.

Alison Rogers: I KNOW, WAIT

YOU KNOW WHAT?

[Both talking at once]

Leo: IT'S THE FIRST TIME.

Alison Rogers: I HAVE A BACKUP.

I CAN GET MOXAR OVER HERE TO

FLY OVER.

Leo: MOXAR HELP US.

Alison Rogers: YEAH.

Leo: YOU'RE ONLY HOPE.

Alison Rogers: YEAH.

Leo: WHO'S MOXAR?

IS HE YOUR, YOUR --

Alison Rogers: HE'S OUR

TECH GUY.

Leo: YOUR VIRTUAL CLERK?

Alison Rogers: YEAH.

[All laughing]

Alison Rogers: NO HE'S OUR

VIRTUAL WIZARD.

[Both talking at once]

Leo: HE'D BE LIKE THE GUY

IN "HIGH FIDELTY" WHO WON'T

SELL YOU A RECORD CAUSE IT'S

I'M NOT GONNA SELL YOU A RECORD.

Ralph Alfonso: NO HE'S,

HE'S OUR TECH AND HE'S IN LOS

ANGELES RIGHT NOW.

Leo: OH COOL.

Ralph Alfonso: BUT HE'S,

HE'S ON STANDBY.

Leo: SO THIS IS, SO HOW

MUCH BUSINESS DO YOU GET IN

HERE?

I MEAN DO PEOPLE COME IN HERE
AND BUY MUSIC OR?

Alison Rogers: OH WE'RE

DOING A LITTLE BIT.

IT'S NOT, IT'S NOT WE'RE NOT

WE'RE MAKING A PRESENCE.

[Both talking at once]

Leo: IT'S MORE ABOUT THE

PUBLICITY.

Alison Rogers: YEAH.

Ralph Alfonso: YEAH WE'RE

AT THE STARTUP.

WE'RE AT THE STARTUP.

Leo: DO YOU DO LIKE

PERFORMANCES IN HERE AND

STUFF?

Alison Rogers: YEAH, YEAH.

Leo: DO YOU?

Alison Rogers: YEAH.

UM WE HAVE ONE OF OUR ARTISTS

ARI SHINE --

Leo: YEAH.

Alison Rogers: AND WE'VE

CREATED AN AVATAR AND --

Leo: SO ARI WILL GO IN

THERE AND PERFORM.

Alison Rogers: YEAH AND

GENERALLY HE LIKES TO DO IT

WHEN HE'S AT, AT A VENUE THAT

HAS AN INTERNET CONNECTION.

Leo: PERFECT.

Alison Rogers: AND THEN

MOXAR GENERALLY WILL GO TO THE
SHOW WITH HIM.

Leo: RIGHT.

Alison Rogers: AND HE
DRIVES HIS AVI.

Leo: RIGHT.

Alison Rogers: YOU KNOW
WHICH UM AND THEN HE PERFORMS
AND WE STREAM IT IN AND -

[Both talking at once]

Leo: SO THAT'S NEAT.
SO PEOPLE ARE LISTENING TO A
REAL PERFORMANCE.

Alison Rogers: YES.

Leo: BUT HE'S DOING IT.

Alison Rogers: YES.

Leo: NOW SOME BIG BANDS
HAVE DONE THIS.

Alison Rogers: YEAH.

Ralph Alfonso: YEAH.

Leo: I MEAN THIS IS BUT
ISN'T THERE A LIMIT TO HOW
MANY PEOPLE CAN COME TO HIS
CONCERT?

Alison Rogers: YEAH.

WELL YEAH BECAUSE OF THE SIM.

Leo: RIGHT.

Alison Rogers: YOU CAN ONLY
GET 50 TO 60 PEOPLE.

Leo: SO IT'S NOT GONNA BE A
MASSIVE CONCERT.

Alison Rogers: NO, NO.

Leo: BUT IT IS A WAY I

THINK TO GET THE ATTENTION OF
A NEW AUDIENCE AND MAKE THEM
AWARE OF IT.

AND IT MAKES YOU LOOK LIKE, IT
MAKES ARI LOOK LIKE --

Alison Rogers: YEAH.

Leo: THEY'RE WITH IT RIGHT.

Alison Rogers: YEAH.

Leo: THEY'RE PART OF THE
NEW THING.

Alison Rogers: WELL IT'S A
WAY FOR US TO GET PEOPLE TO
LISTEN.

Leo: YEAH.

Alison Rogers: CAUSE I MEAN
THAT'S THE BIG CHALLENGE
RIGHT.

Leo: YEAH, YEAH.

Alison Rogers: YOU KNOW TO
HEAR AND DISCOVER.

Ralph Alfonso: AND A LOT OF
IT AS YOU SAY SECOND LIFE IS
NOT SOMETHING YOU CAN CASUALLY
DO UP IN AN HOUR.
IT'S NOT LIKE MYSPACE.

Leo: NO YOU HAVE TO BUILD A
WHOLE THING HERE.

Alison Rogers: YEAH.

Ralph Alfonso: SO THE
GENERAL USER IS IN THERE FOR A
COUPLE OF HOURS.

Leo: THEY'RE ENGAGED YEAH.

Ralph Alfonso: THEY'RE

ENGAGED FOR ABOUT 6, 7 HOURS
AT A TIME.

Leo: YEAH.

Alison Rogers: WELL OR
LONGER.

Ralph Alfonso: AND LONGER.

Alison Rogers: PEOPLE GET
ADDICTED.

Ralph Alfonso: SO --

Leo: I KNOW.

Ralph Alfonso: IT'S A GREAT
OPPORTUNITY BECAUSE OUR STORE
WHILE YOU'RE IN THERE ITS, ITS
GOT A RADIO STREAM SO --

Leo: THEY'RE ALWAYS HEARING
THE MUSIC.

Alison Rogers: YEAH.

Ralph Alfonso: AND THERE'S,
THERE'S A, A SCROLLBAR THAT
TELLS YOU WHAT IS PLAYING.

Leo: YEAH, GREAT.

Ralph Alfonso: SO --

Alison Rogers: WHICH I CAN
SHOW YOU IN A SECOND.
BUT DO YOU WANT TO SEE A SONG?

Leo: YEAH, YEAH, YEAH.

Alison Rogers: WE CAN
PURCHASE CAUSE MOXAR'S THERE.

Leo: SO MOXAR.

Alison Rogers: YEAH THERE'S--

Leo: I LIKE MOXAR.

Alison Rogers: YEAH HE'S --

[MUSIC]

Leo: SO WHAT THE ARTISTS

THINK OF THIS?

DO THEY LOVE IT?

DO THEY, DO THEY GET IT?

Ralph Alfonso: IT'S A, IT'S

A, IT'S A THERE'S A LEARNING

CURVE IN GETTING THEM TO

ACCEPT THE FACT THAT YOU'VE

GOT TO, YOU'VE GOT TO CREATE

AN AVATAR AND PLAY TO AVATARS.

Leo: YEAH.

Ralph Alfonso: YOU KNOW BUT

ONCE BUT THE, THE FANTASTIC

THING IS YOU CAN ACTUALLY MAKE

MONEY AS AN ARTIST.

Leo: YEAH.

Alison Rogers: IT'S NOT A LOT.

Ralph Alfonso: NOT A LOT BUT --

Alison Rogers: THERE'S A

LINDEN CURRENCY YOU KNOW.

Leo: RIGHT YEAH.

Ralph Alfonso: BUT WE

FIGURED IT, WE FIGURED IT OUT.

IF YOU'RE PLAYING A

COFFEEHOUSE.

Leo: YEAH.

Ralph Alfonso: YOU

GENERALLY MAKE ABOUT 30 TO \$50.

Leo: RIGHT.

Ralph Alfonso: IF YOU PLAY

OUR COFFEEHOUSE IN SECOND LIFE

WHEN YOU CONVERT ALL THE

LINDENS.

Leo: LINDEN DOLLARS YEAH.

Ralph Alfonso: IT COMES TO ABOUT 30 TO \$50 ANYWAYS SO --

Leo: AND YOU DIDN'T HAVE TO LEAVE THE HOUSE.

Ralph Alfonso: THAT'S RIGHT.

Alison Rogers: YEAH.

Leo: YOU DIDN'T EVEN HAVE TO PUT ON ANY CLOTHES.

Alison Rogers: YEAH.

Leo: YOU'RE AN AVATAR.

THAT'S PRETTY NEAT.

Alison Rogers: YEAH.

Ralph Alfonso: SO, SO AS WE TRANSLATED IT INTO TERMS LIKE THAT THEY --

Leo: THEY GOT IT.

Ralph Alfonso: THEN, THEN THEY GET IT AND THEY'RE IN THERE.

AND, AND UM SO WHAT WE DO IS BECAUSE WE HAVE MOXAR IN WORLD HE GUIDES THEM THROUGH IT.

Leo: RIGHT.

Ralph Alfonso: BUT THAT IS THE BIGGEST STUMBLING BLOCK.

Leo: RIGHT.

Ralph Alfonso: IS THE TECHNOLOGY.

Alison Rogers: YEAH.

Leo: TO GET THEM COMFORTABLE, COMFORTABLE WITH THE TECHNOLOGY TO ESSENTIALLY

WALK EM THROUGH.

Alison Rogers: YEAH AND HE
BUILT OUR, OUR SYSTEM.

Leo: HE'S DONE A NEAT JOB.

Alison Rogers: YEAH.

Leo: IT'S REALLY --

Alison Rogers: IT'S MP3S AND --

Ralph Alfonso: UNPROTECTED.

Alison Rogers: UNPROTECTED.

Leo: I LIKE THAT.

Alison Rogers: YEAH.

Leo: THANK YOU.

Alison Rogers: YEAH AND SO UM --

Leo: YEAH.

Alison Rogers: I'LL GET HIM.

I DON'T KNOW IF HE BOUGHT IT OR --

Leo: THAT'S ALL RIGHT.

Alison Rogers: OR IF HE, HE
SAW IT BUT --

Leo: THAT'S OKAY.

BUT YOU KNOW WHAT?

THE BEST WAY TO FIND OUT HOW
THIS WORKS?

GO THERE.

Alison Rogers: YEAH.

Leo: SO --

Alison Rogers: AND THEN ON,
ON THE ISLAND WE ALSO HAVE --

Ralph Alfonso: IT'S, IT'S VERY --

Alison Rogers: LIKE UM A WELL --

Leo: DO YOU HAVE A CLUB?

Alison Rogers: WE HAVE A CLUB.

Leo: NEAT.

Alison Rogers: YEAH AND WE
HAVE, WE HAVE PARTIES FOR
PEOPLE THAT YOU KNOW JUST PLAY
THE GAME.

AND THEN THAT WAY THEY CAN
DISCOVER THE ISLAND IF THEY
LIKE TO WANDER AROUND.

Leo: WHAT'S THE ISLAND'S NAME?

Alison Rogers: AROHA ISLAND
PARADISE.

Leo: A-R-O --

Alison Rogers: O-H-A.

Leo: H-A AROHA.

Alison Rogers: YEAH.

Leo: LIKE ALOHA WITH AN R.

Alison Rogers: YEAH EXACTLY.

Leo: AROHA.

Alison Rogers: IT'S THIS
TROPICAL SETTING.

IT'S YOU KNOW IT'S REALLY
BEAUTIFUL.

Leo: COOL.

Ralph Alfonso: THE BONGO
BEAT WILL GET YOU THERE.

Alison Rogers: YEAH BONGO
BEAT WILL GET YOU THERE TOO.

Leo: SEARCH FOR BONGO BEAT.

[Pop captions up]

Alison Rogers: YOU SEARCH
FOR BONGO BEAT ON THERE.

Leo: ALISON ROGERS AND
RALPH ALFONSO ARE BONGO BEAT
RECORDS LOOKING FOR NEW WAYS

TO MAKE MUSIC.

Alison Rogers: YEAH.

[Pop captions down]

Leo: IN THE 21ST CENTURY
AND DON'T FORGET THESE CDS TOO.

Alison Rogers: IT'S FUN.

Leo: YOU CAN FIND OUT ALL
ABOUT THEM ON OUR WEBSITE.

[Pop captions up]

[Blank for boards]

Leo: THANKS FOR COMING BY.

Alison Rogers: OH YOU'RE WELCOME.

Leo: THAT'S COOL.

I WILL STOP BY.

PRUNE, LOOK FOR PRUNEFACE
SPATULA.

Alison Rogers: OKAY WAIT,
I'M GONNA, I'M GONNA, I'M
GONNA SEARCH FOR YOU.

Leo: FRIEND ME BABY.

Alison Rogers: I AM.

Leo: YEAH I'M NOT THERE
RIGHT NOW.

Alison Rogers: I KNOW.

Leo: I'M KIND OF BUSY.

Alison Rogers: BUT I CAN, I
CAN I KNOW.

Leo: BUT I'LL COME, I'LL GO
BACK YEAH.

Alison Rogers: I KNOW, BUT
I CAN WRITE IN SO.

Ralph Alfonso: COME TO OUR
BONGO BEAT PARTY.

Leo: I WILL.

THAT'LL BE FUN.

I'LL SEE YOU THERE.

HEY RIGHT NOW IT'S TIME TO

PLAY WHAT THE TECH?

THIS IS A CLOSEUP OF SOMETHING

YOU'D FIND AROUND "THE LAB".

IT LOOKS LIKE A SPEAKER BUT

IT'S NOT.

WHAT COULD IT BE?

IS IT A?

I DON'T KNOW.

LET'S THINK ABOUT THAT.

WE'LL ZOOM OUT AND FIND OUT

WHEN "THE LAB" CONTINUES.

STAY RIGHT HERE.

[MUSIC]

[Pop captions down]

[Commercial break]

[MUSIC]

[Pop captions up]

Leo: WELCOME BACK TO "THE LAB".

BEFORE THE BREAK WE HAD A

CLOSEUP OF THAT.

I DON'T KNOW IT LOOKS LIKE THE

END OF A DUMBBELL OR I WHAT

COULD THAT BE?

LET'S SEE.

OH ZOOM OUT IT'S A ZIP DRIVE.

SEE YOU KNOW NEVER MIND.

[Pop captions down]

Leo: I KNEW WHAT THAT WAS

BUT I DIDN'T NEVER MIND.

YOU'RE NOT GONNA BELIEVE A

WORD I SAY.

NO I DID, I KNEW IT.

I KNEW THAT ONE.

SEAN CARRUTHERS TAKES THOSE
WITH HIS MACRO LENS AND DOES A
GREAT JOB.

NOW LET'S GET ANOTHER CALL ON
THE AIR.

I THINK WE'VE GOT A GRANDPA.

Kate: WE HAVE BRUCE AND HE
IS FROM GUELPH IN ONTARIO AND
THIS HIS GRANDSON GEORGE.

Leo: IS THAT A GREAT
PICTURE.

Kate: I KNOW.

[Pop captions up]

Leo: HI BRUCE.

Bruce: HI LEO.

Leo: WHAT A NEAT PICTURE.
WHAT'S YOUR GRANDSON'S NAME?

Bruce: HIS NAME IS GEORGE.
HE'S NAMED AFTER MY FATHER.

Leo: OH HE'S SUCH A
SWEETIE, WHAT A GREAT PICTURE.

Bruce: HE, HE'S ABOUT TWO
YEARS OLD.

Leo: YEAH HE'S GOT YOUR
EYES TOO.

Bruce: YES THAT'S HOW I
USED TO LOOK A LONG TIME AGO.

[Leo laughing]

Leo: THAT'S WHAT'S DEPRESSING EY?

[Laughs]

Leo: YOU LOOK AT THE YOUNG
PEOPLE YOU GO I USED TO BE
THAT YOUNG.

[Pop captions down]

Bruce: YEAH.

Leo: WHAT CAN I, WELL IT'S
GOOD TO BE WHAT WE ARE TOO I
THINK BRUCE.

Bruce: MMM-HMM.

Leo: WHAT, WHAT CAN I DO
FOR YOU TODAY?

Bruce: WELL I HAVE A
PROBLEM AND IT IS JUST AFTER
THREE MONTHS OF OPERATION ONE
OF THE PIXELS ON MY NEW LCD
MONITOR DECIDED TO REBEL.
IT STAYED ALL WHITE AND THEN
AFTER A FEW WEEKS IT DECIDED
TO REMAIN BLACK.

Leo: YEAH.

Bruce: AND NOW IT
ALTERNATES BETWEEN THE TWO.

Leo: OH THAT'S VERY
FRUSTRATING.

Bruce: YES IT IS.

IS THERE A WAY OF TURNING THIS
PIXEL BACK TO NORMAL OR I AM
STUCK WITH IT TILL I REPLACE
THE MONITOR?

I'M CONCERNED THAT THIS JUST
MIGHT BE THE BEGINNING OF MORE
TO COME.

[Pop captions up]

Leo: THERE'S THREE WAYS
PIXELS CAN GO.
THERE'S A HOT PIXEL WHICH IS
ALWAYS ON, ALWAYS WHITE.
THERE'S A DEAD PIXEL, WHICH IS
ALWAYS BLACK, NEVER COMES ON.

[Pop captions down]

Leo: AND THEN THERE'S A
STUCK PIXEL, WHICH COULD GO
EITHER WAY.
SOMETIMES IT'LL ACTUALLY
APPEAR A COLOUR BECAUSE EVERY,
EVERY ON AN LCD SCREEN YOU
HAVE A RED, GREEN AND BLUE
PIXEL.
SO IT COULD BE ANY OF THOSE
SITUATIONS.
NOW IT SOUNDS LIKE IT MIGHT BE
STUCK CAUSE IT, IT SWITCHED
DIDN'T IT?
WAS IT ALWAYS ON AND THEN
ALWAYS OFF?

Bruce: I FIND THAT WHEN
THERE'S A WHITE SCREEN ON, A,
A WHITE SCREEN IT'S BLACK.

Leo: YEAH.

Bruce: IT'S VERY DARK.
IN FACT IT LOOKS LIKE A LITTLE
SPECK OF DUST.
IT DOESN'T BOTHER ME.

Leo: MMM-HMM, MMM-HMM.

Bruce: WHEN IT'S A DARKER

SCREEN IT COMES OUT WHITE.

Leo: YEAH.

Bruce: AND OF COURSE I KNOW
IT'S THERE AND I'M ALWAYS
LOOKING BACK TOWARDS IT ALL
THE TIME.

Leo: YEAH.

THAT'S THE BAD THING.
NOW YOU HAVE MILLIONS OF
PIXELS ON THAT SCREEN SO IN
FACT MANY, MANY MANUFACTURERS
WILL ACCEPT ONE OR TWO OR EVEN
MORE DEAD PIXELS ON AN LCD
SCREEN AS LONG AS THEY'RE NOT
ADJACENT OR JOINED TO MAKE A
LARGER BLACK BLOTCH.

DIFFERENT MANUFACTURERS HAVE
DIFFERENT POLICIES.

UM IN GENERAL THOUGH THE
SCREEN, LCD SCREEN
MANUFACTURERS HAVE GOTTEN SO
GOOD THAT YOU DON'T SEE THESE
VERY OFTEN.

YOU SAID YOU DEFINITELY HAVE A
STUCK PIXEL AND THE GOOD NEWS
IS A STUCK PIXEL CAN BE FIXED
OFTEN A COUPLE OF DIFFERENT
WAYS.

THERE'S A PROGRAM BELIEVE IT
OR NOT, NOW IS IT A, A
COMPUTER MONITOR OR A
TELEVISION?

Bruce: IT'S A COMPUTER MONITOR.

Leo: GOOD ALL RIGHT, CAUSE
THIS IS A COMPUTER PROGRAM.
THERE'S TWO ARTICLES I'D LOOK AT.
FIRST OF ALL WIKIHOW, WHICH IS
W-I-K-I-H-O-W.
IT'S A HOW TO MANUAL.

[Pop captions up]

Leo: IT HAS A GREAT PAGE ON
HOW TO FIX A STUCK PIXEL.
AND ONE THING THEY RECOMMEND
IS A PROGRAM I'LL FIND IT
RIGHT HERE CALLED JSCREENFIX.
WHAT JSCREENFIX DOES IS IT
SWITCHES THE PIXELS ON AND OFF
VERY, VERY QUICKLY ABOUT 60
TIMES A SECOND AS FAST AS THE
SCREEN CAN GO AND SOMETIMES
THAT JUST JIGGLES THE DARN
THING AND GETS IT TO WORK.

[Pop captions down]

Leo: AND IT SAYS MOST STUCK
PIXELS ARE REPAIRED WITHIN 20
MINUTES.

SO THIS IS A FREE PROGRAM
JSCREENFIX.COM.

Bruce: WELL BELIEVE IT OR
NOT LEO I HAVE I FOUND THAT
PARTICULAR PROGRAM AND I'VE,
I'VE TRIED IT THREE OR FOUR
TIMES AND IT HASN'T FIXED THE
PROBLEM.

Leo: OKAY THAT'S FINE.

Bruce: I HAVEN'T GONE

BEYOND THAT.

I, I --

[Both talking at once]

Leo: THERE IS ANOTHER
METHOD.

NOW THIS ONE I'M HESITANT, A
LITTLE MORE HESITANT TO
RECOMMEND CAUSE YOU CAN DAMAGE
THE SCREEN.

BUT YOU CAN ACTUALLY MASSAGE
THE STUCK PIXEL.

AND WIKIHOW WE'LL LET WIKIHOW
TELL YOU HOW BECAUSE THEY HAVE
A VERY ELABORATE THING.

BUT YOU KNOW I KNOW SOME
PEOPLE WILL ACTUALLY JUST TAKE
THEIR FINGER AND RUB THAT PIXEL.
BUT REALLY YOU WANT SOMETHING
THAT'S A LITTLE BIT MORE
PRECISE AND YOU WANT TO
PROBABLY DO IT THROUGH A
FOLDED CLOTH SO THAT YOU DON'T
DAMAGE THE SCREEN.

BUT REALLY IT'S JUST A
PHYSICAL THING.

THE, THE LCD IS A SHUTTER THAT
OPENS AND CLOSES AND WHAT'S
HAPPENING IS ITS, ITS KIND OF
CONFUSED.

AND SOMETIMES TAPPING IT OR
MASSAGING IT WILL FIX IT.

NOW AGAIN I HAVE TO WARN YOU,
YOU DO THIS WRONG YOU COULD

MAKE A WORSE SITUATION.
SO IF YOU CAN LIVE WITH IT AND
J'S AND THE, AND THE, THE
JSCREENFIX DIDN'T WORK FOR YOU
THEN I WOULD JUST LIVE WITH IT.
BUT IF YOU, IF IT REALLY BUGS
YOU ESPECIALLY SINCE IT SOUNDS
LIKE IT'S STILL UNDER WARRANTY
YOU COULD TRY TO FIX THIS WITH
THE MESSAGE METHOD.

I WOULD TRY THE SOFTWARE
METHOD FIRST AND THEN GO TO
THE MESSAGE METHOD.

BUT GO TO WIKIHOW.COM FOR
DETAILS ON HOW TO FIX THIS.

AND I KNOW PEOPLE WHO HAVE
USED BOTH THESE METHODS
SUCCESSFULLY.

IS IT SOMETHING YOU CAN LIVE WITH?

Bruce: SURE, OH THANKS LEO,
ALL MY BEST TO YOU AND YOUR CREW.

Leo: YOU'RE WELCOME BRUCE.

IS IT JUST, IS IT SOMETHING
YOU CAN LIVE WITH YOU THINK?

Bruce: I CAN LIVE WITH IT.

IT'S JUST THAT IT'S MY FIRST
EXAMPLE OF HAVING A, A DEAD
PIXEL IN ALL THE LCD SCREENS
THAT WE DO HAVE IN OUR HOME
HERE.

Leo: IT'S MUCH LESS COMMON
THEN IT USED TO BE.

AH FORTUNATELY YOU KNOW IF YOU

COULD LIVE WITH IT I WOULD
LEAVE IT ALONE PROBABLY.

Bruce: OKEY-DOKE.

Leo: HEY THANKS BRUCE.

Bruce: BYE-BYE.

Leo: TAKE CARE BRUCE, BYE GEORGE.

Bruce: BYE.

Leo: ISN'T HE A CUTIE?

OH MY GOODNESS.

IT'S TIME FOR OUR FREE FILE OF
THE DAY AND HERE HE IS LADIES
AND GENTLEMEN THE FREE FILE
MAN HIMSELF.

Ryan Yewell: THANK YOU.

Leo: MR. RYAN YEWELL, CHAAAA.

Ryan Yewell: NO BUT WE
REALLY JUST HAD A FREE FILE.
YOU JUST GAVE ONE AWAY.

Leo: JSCREENFIX.

Ryan Yewell: SO YEAH.

Leo: WAS THAT GONNA BE ONE
OF YOURS?

Ryan Yewell: I THINK YOU
KNOW MAYBE IT WAS.

[Pop captions up]

Ryan Yewell: MAYBE I'M
DOING NOT SO MANY TODAY.

Leo: REALLY?

Ryan Yewell: YEAH.

Leo: IS THAT TRUE?

Ryan Yewell: NO.

Leo: NO, OKAY.

[Laughs]

[Pop captions down]

Leo: HE WAS TEASING ME.

Ryan Yewell: YEAH.

WE DID IT BEFORE.

THIS IS THIS PROGRAM IS FOR
MAC, ITS CALLED CYBERDUCK.

Leo: QUACK-QUACK.

Ryan Yewell: EXACTLY.

Leo: QUACK-QUACK.

Ryan Yewell: SO IT'S

BASICALLY AN FTP FOR YOUR MAC,
SO I --

Leo: A LOT OF PEOPLE LOVE THIS.

I, I USE A PAID PROGRAM CALLED
TRANSMIT FROM PANIC.

BUT MANY PEOPLE SAY CYBERDUCK
IS GOOD.

[Both talking at once]

Ryan Yewell: IT'S GOOD.

Leo: AND IT'S FREE.

Ryan Yewell: IT'S

ABSOLUTELY FREE.

IT'S OPEN SOURCE.

IT HAS COOL THINGS UM LIKE FOR
INSTANCE SPOTLIGHT ON MAC YOU
KNOW WHERE YOU CAN SEARCH FILES.

Leo: YEAH.

Ryan Yewell: IT HAS A

SPOTLIGHT BUILT-IN.

IT HAS YOUR KEYCHAIN BUILT-IN
SO IT SAVES YOUR PASSWORDS.

Leo: SO THIS IS FOR REMOTE FILES.

Ryan Yewell: EXACTLY.

Leo: YOU CAN SEARCH THE
REMOTE FILE.

Ryan Yewell: SO AND IT'S
LITERALLY DRAG AND DROP.

[Pop captions up]

Ryan Yewell: SO IF I NOW
RIGHT NOW I'VE CONNECTED TO AN
FTP AND I'VE KIND OF HIDDEN --

Leo: WE SHOULD EXPLAIN FTP
IS A REMOTE SERVER --

Ryan Yewell: YES.

Leo: WHERE YOU CAN DOWNLOAD
FILES FROM.

[Pop captions down]

Leo: USUALLY IT'S YOUR OWN.

Ryan Yewell: IT'S USUALLY
YOUR OWN.

SO THERE'S A --

Leo: YEAH DO YOU HAVE A LOT
OF STICKIES OPEN?

Ryan Yewell: I DO BECAUSE I
HAVE TO COVER UP, THIS IS
ACTUALLY A REAL FTP SITE SO --

Leo: OH AND YOU DON'T WANT
TO SHOW THE --

Ryan Yewell: I DON'T CAUSE
IT'S, IT'S MY FRIEND'S FTP AND
IF IT GOES OVER THERE AND THIS
IS YOU KNOW THE PASSWORD AND
EVERYTHING.

[Leo laughing]

Ryan Yewell: SO, SO I'M
JUST GONNA DRAG AND DROP HERE.

Leo: I'M WONDERING WHAT ALL
THOSE STICKIES WERE?

[Laughs]

Ryan Yewell: YEAH ALL THESE
STICKIES.

YEAH I'M HIDING THE INFORMATION.
THESE ARE MY OWN PERSONAL
CENSORSHIP.

Leo: THAT'S A REALLY CLEVER
WAY OF DOING IT.

Ryan Yewell: SO YOU JUST
DRAG AND DROP.

SO IT'S REALLY SIMPLE.

IT'S REALLY STRAIGHTFORWARD
AND TO OPEN A CONNECTION IF
YOU HAVE A NEW ONE YOU JUST
PUT THE SERVER IN, YOUR
USERNAME, PASSWORD THERE YOU
GO --

Leo: AND IT REMEMBERS THAT--

Ryan Yewell: AND IT
REMEMBERS IT.

Leo: SO YOU JUST
DOUBLECLICK IF YOU --

[Both talking at once]

Ryan Yewell: AND IT IS SECURE.
IT HAS BIC, BOOKMARKS SO ONCE
YOU'VE DONE IT THE FIRST TIME
YOU JUST CLICK ON THE BOOKMARK.

Leo: THERE'S WIDESPREAD
SUPPORT FOR THIS BECAUSE IT IS
SO COMMON, COMMONLY USED ON
THE MAC.

Ryan Yewell: YEAH.

Leo: SO THERE'S A LOT OF
CYBERDUCK SUPPORT.

Ryan Yewell: YEAH.

Leo: SO THAT'S A I THINK
THAT'S A GOOD CHOICE.

Ryan Yewell: IT'S, IT'S A
GOOD, THE ODD TIME I'VE HAD IT
KIND OF CRASH ON ME.
BUT YOU KNOW WHAT?
IT'S ABSOLUTELY FREE AND OPEN
SOURCE AND ITS, ITS REALLY
GOOD SO I, I WOULD RECOMMEND IT.

Leo: QUACK-QUACK-QUACK-
QUACK, CYBERDUCK IT'S OUR FREE FILE.
WHERE WOULD THEY GET MORE FREE
FILES IF THEY LIKED THAT ONE?

[Pop captions up]

Ryan Yewell: IF THEY LIKE
THIS ONE GO TO --

[Blank for boards]

Leo: OH REALLY?

Ryan Yewell: CLICK ON FREE FILES --

Leo: MMM-HMM.

Ryan Yewell: YEWELL'S JEWELS.
THERE'S A COUPLE MORE THERE I
THINK.

Leo: WELL I'LL BE HOT-
DIGGITY-DANGED.

Ryan Yewell: YEAH.

Leo: THANK YOU RYAN YEWELL.

Ryan Yewell: YOU'RE WELCOME.

Leo: YES.

MORE OF YOUR CALLS COMING UP
BUT FIRST OUR QUICK QUIZ
QUESTION OF THE DAY.
ARE YOU READY?
PUT YOU'RE THINKING CAP ON FOR
THIS ONE.

[Blank for boards]

Leo: YOU KNOW I CAN SEE YOU
IN EVERY ONE OF THOSE ROLES.
SO I DON'T KNOW.
THINK ABOUT THIS.
I THINK I KNOW.
THINK ABOUT THIS.

SEE IF YOU CAN COME UP WITH
IT.

WELL WE'LL TELL YOU A LITTLE
LATER ON WHEN THE SHOW
CONTINUES.
STAY RIGHT HERE.

[MUSIC]

[Pop captions down]

[Commercial break]

[MUSIC]

Kate: HEY WELCOME BACK TO
"THE LAB WITH LEO".
I'M KATE ABRAHAM.
MY TIP OF THE DAY IS A FIREFOX
ADD ON WHICH BASICALLY MAKES
THAT OLD KEY OVER PRINT SCREEN
REDUNDANT.
THIS IS CALLED SAVE AS IMAGE
FOR FIREFOX.

[Pop captions up]

Kate: IT'S A GREAT LITTLE APP TO ADD ONTO YOUR FIREFOX APPLICATION SO THAT YOU CAN LITERALLY JUST CUT AND PASTE AND SHOW WHERE FOR INSTANCE IF THERE'S A PROBLEM WITH THE, WITH THE WEBSITE YOU'RE USING.

[Pop captions down]

Kate: SO FOR INSTANCE I'M IN "THE LAB WITH LEO" SITE HERE. IF I THOUGHT THERE'S A TYPO IN THIS ALL I HAVE TO DO HIGHLIGHT IT, CLICK ON RIGHT CLICK. CLICK SAVE PAGE AS IMAGE THEN WHAT HAPPENS IS IT SAVES IT ON HERE. YOU HAVE THE OPTION OF SHOWING THE DIFFERENT COLOURS DEPENDING ON WHICH I MEAN FOR ME WHITE WORKS BEST. YOU SCROLL DOWN AND YOU CAN THEN COPY THIS, SAVE AND SEND IT AS AN EMAIL ATTACHMENT AND SHOW WHERE THE ERROR IS.

Leo: SHE JUST THREW IT UP.

[Laughs]

Leo: YOU JUST THREW IT OUT.

Kate: SO THAT IS CALLED SAVE AS IMAGE FOR FIREFOX.

Leo: WOW THAT'S NEAT.

Kate: YEAH IT'S A REALLY COOL ONE ACTUALLY.

Leo: IT WOULDN'T JUST BE FOR ERRORS.

I MEAN YOU KNOW IT COULD BE
HERE'S SOMETHING INTERESTING
IN HERE.

Kate: ABSOLUTELY.

Leo: YOU KNOW.

Kate: ABSOLUTELY, IT'S
VERY, VERY COOL.

Leo: I LIKE THAT.

THANK YOU.

Kate: THANK YOU.

Leo: AND WHERE DO WE FIND
FIREFOX AT?

Kate: WE FIND FIREFOX AT
ADDONS.MOZILLA.ORG.

Leo: OH WE NO THERE'S NO SLASH?

[Pop captions up]

Kate: IT'S JUST DOTS AGAIN.

Leo: THERE'S NO SLASH?

JUST DOTS.

Kate: DOTS.

Leo: OKAY LET'S DO IT AGAIN.

Kate: SO ITS --

[Blank for boards]

Leo: THANK YOU.

Kate: DO YOU LIKE THAT?

Leo: I LOVE THAT ACTUALLY.

Kate: IT'S LIKE DRIVING.

[Leo laughing]

[Pop captions down]

Leo: IT'S LIKE DANCING.

AND NOW KATE HAS ANOTHER
CALLER FOR US.

Kate: I DO INDEED.

I HAVE GAYLE AND SHE IS FROM
CORONA IN CALIFORNIA.

Leo: GAYLE FROM CORONA.
HELLO GAYLE.

Gayle: HELLO HOW ARE YOU
LEO?

Leo: I'M GREAT.
HOW ARE YOU?

[Pop captions up]

Gayle: I'M GOOD.

Leo: WHAT CAN I DO FOR YOU
TODAY?

Gayle: WELL I, I NEED TO
BUY MICROSOFT OFFICE.

Leo: YES.

Gayle: BUT I HAVE XP ON MY
DESKTOP.

Leo: YEAH.

[Pop captions down]

Gayle: AND VISTA ON MY
LAPTOP.

Leo: YEAH.

Gayle: IS IT GOING TO WORK
ON BOTH?

Leo: YES.

Gayle: IS IT ARE THEY
COMPATIBLE?

Leo: YEAH ABSOLUTELY.

Gayle: YEAH?

Leo: YOU THINK MICROSOFT
WOULD MAKE A PRODUCT THAT YOU
COULDN'T RUN ON WINDOWS?
HECK NO AND THEY DO EVEN

THOUGH IT SOUNDS LIKE WHEN
THEY SAY OFFICE 2007 IT SOUNDS
LIKE YOU HAVE TO HAVE VISTA.

[Pop captions up]

Leo: ABSOLUTELY NOT, IT
WORKS FINE ON, ON EVEN OLDER
VERSIONS OF, OF WINDOWS.

I CERTAINLY XP.

I THINK IT EVEN RUNS ON EVEN
OLDER VERSIONS BUT CERTAINLY
XP, NO PROBLEM.

[Pop captions down]

Gayle: WELL I GUESS THE,
THE FIRST THING THAT BROUGHT
THE WHOLE THING UP WAS THE
FACT THAT WORKS IS NOT
COMPATIBLE WITH WORD YOU KNOW.

Leo: RIGHT WELL THEY'RE NOT
REALLY SUPPORTING WORKS
ANYMORE.

THEY'VE KIND OF ABANDONED
THAT.

Gayle: BUT THEY --

Leo: SO THEY REALLY DO WANT
YOU TO BUY OFFICE.

Gayle: AND THEY STILL, THEY
STILL PUT IT ON THE COMPUTERS.

Leo: YEAH ISN'T THAT
INTERESTING?

SO YOU WAIT A MINUTE YOU
BOUGHT A COMPUTER WITH VISTA
AND WORKS?

Gayle: YES.

MY, MY BROTHER DID.

Leo: I WONDER WHERE HE GOT THAT?

Gayle: FROM DELL.

Leo: DELL AND THEY PUT AND, AND WORKS DOESN'T WORK ON IT?

Gayle: NO WORKS WORKS.

Leo: OH WORKS WORKS.

Gayle: BUT EVERYTHING THAT HE'S GOT, HE'S IN THE SAME SITUATION THAT I AM.

Leo: OH HIS OLD, HIS OLD STUFF DOESN'T WORK?

I GET IT.

YEAH, YEAH.

Gayle: AND --

Leo: NO, NO, YEAH

ABSOLUTELY IN FACT I THINK SOME OF THE CONFUSION WAS THAT THE LAST VERSION OF OFFICE WAS CALLED OFFICE XP OR TWO VERSIONS AGO IT WAS CALLED OFFICE XP.

WHICH KIND OF IMPLIES THAT YOU HAD TO HAVE XP FOR THAT.

THEY, THEY REALIZED WHAT A MISTAKE THEY MADE SO THEN THEY PUT OUT OFFICE 2003 AND NOW 2007 AND THEY ARE COMPATIBLE ABSOLUTELY WITH VISTA.

IN FACT EVEN 2003 WORKS WITH VISTA.

SO DON'T WORRY ABOUT THAT AT

ALL.

THERE'S NO INCOMPATIBILITY
THERE.

Gayle: FANTASTIC.

Leo: YEAH AND I THINK
YOU'RE GONNA LIKE 2007.
GET READY CAUSE ITS THERE'S A
BIG CHANGE IN THE USER
INTERFACE.

THEY'RE USING THIS RIBBON
INTERFACE NOW, WHICH I THINK
MAKES SENSE.

BUT INITIALLY IT IS VERY
DISCONCERTING.

Gayle: HUH.

Leo: YEAH CAUSE YOU LOOK
CAUSE WHAT HAPPENS IS WE GET
USED TO LOOKING IN THE, IN THE
MENUS TO FIGURE OUT HOW TO DO
STUFF RIGHT?

Gayle: EXACTLY.

Leo: AND THE RIBBON IS
DESIGNED TO BE KIND OF CONTEXT
SENSITIVE.
SO THE RIBBON CHANGES
DEPENDING ON WHAT YOU'RE DOING
AND PUTS THE MOST COMMONLY
USED TOOL YOU KNOW COMMANDS
RIGHT THERE AS KIND OF
BUTTONS.

SO THE THEORY IS WELL NOW YOU
DON'T NEED THE MENUS.
YOU CAN STILL GET THE MENUS BY

HITTING THE ALT KEY.
BUT THE MENUS HAVE KIND OF
BACK TAKEN A BACKSEAT.
YOU CAN GO BACK TO THE OLD
INTERFACE IF YOU WANT.
BUT I THINK IF YOU PLAY WITH
THE NEW INTERFACE AFTER A FEW
WEEKS YOU'LL PROBABLY GET VERY
USED TO IT.
I LIKE IT, I ACTUALLY PREFER
IT.
BUT IT DID TAKE A WHILE TO GET
USED TO.

Gayle: GOOD.

Leo: YEAH.

HEY THANKS SO MUCH FOR THE
CALL.

I APPRECIATE IT GAYLE.

Gayle: THANK YOU SO MUCH
FOR THE ANSWER.

Leo: MY PLEASURE.

GLAD TO BE HERE TO HELP.

Gayle: OKAY THANK YOU.

Leo: ALL RIGHT TAKE CARE.

[Pop captions up]

Leo: COMING UP MORE OF YOUR
CALLS IN JUST A LITTLE BIT.
WE'RE ALSO GONNA TALK ABOUT
THE NEW YAHOO USER INTERFACE.
THEY'VE OPEN SOURCED IT.
THEY'VE MADE IT AVAILABLE TO
ANYBODY.
IF YOU'RE DESIGNING WEBSITES

THIS MIGHT BE SOMETHING YOU
WANT TO CHECK OUT.
STAY RIGHT HERE.

"THE LAB" CONTINUES RIGHT
AFTER THIS.

>> 6, 5, 4, 3, 2, 1.

[MUSIC]

[Pop captions down]

[Commercial break]

[MUSIC]

Leo: WELCOME BACK TO "THE
LAB".

I LIKE TO DANCE.

YOU'RE PROBABLY WONDERING WHAT
I DO DURING THE COMMERCIALS.

WELL OF COURSE I'M GLUED TO
THE SET WATCHING THE
COMMERCIALS.

BUT ALSO I LIKE TO DANCE.

LET'S GET ANOTHER CALL ON.

THAT'S WHAT KATE'S DOING TOO.

Kate: IT'S A LITTLE SHIMMY.

Leo: DOING THE SHIMMY.

Kate: BUT I HAVE TO SIT
DOWN TO DO MINE.

Leo: YEAH THAT'S OKAY.

Kate: I DON'T HAVE TO WEAR
TOO MANY --

[Leo laughing]

Kate: ANYHOW OUR LAST CALL
OF THE DAY IS ERIC AND HE IS
FROM ST. THOMAS IN ONTARIO.

Leo: THANK YOU KATE.

HELLO ERIC.

Eric: HEY HOW YOU DOING?

Leo: I'M GREAT.

HOW ARE YOU?

[Pop captions up]

Eric: NOT TOO BAD.

Leo: WELCOME TO THE SHOW.

WHAT CAN I DO FOR YOU?

Eric: UM I HAVE A, I HAVE A
PROBLEM WITH MY, MY ONE
COMPUTER.

Leo: YES.

Eric: IT'S AN OLDER PENTIUM
3 WITH WINDOWS M.E. ON IT.

Leo: OOH A VINTAGE RELIC.

[Eric chuckles]

Eric: NOW WE NEVER AH THE
ONLY THING, THAT WAS THE ONLY
THING WE COULD AFFORD AT THE
TIME.

Leo: I'M NOT MOCKING YOU.

Eric: OH IT WAS JUST BEFORE
THE BOTTOM SORT OF DROPPED OUT
I, I, I THOUGHT WITH THE
COMPUTERS WHEN THEY ALL BECAME
A LOT CHEAPER.

Leo: YEAH, YEAH, YEAH AND
YOU KNOW ITS SAD BECAUSE M.E.
WAS SUCH A BAD OPERATING
SYSTEM.

[Pop captions down]

Leo: BUT ANYWAY LET'S NOT
GO THERE.

LET'S NOT GO DOWN THAT, THAT
OLD ROAD.

SO YOU WANT, YOU HAVE AN OLD
COMPUTER.

Eric: WAIT A SEC BUT THEN I
ONLY USED IT FOR CERTAIN
THINGS ANYWAYS --

[Both talking at once]

Leo: I'M SURE IT DID FINE
FOR YOU, YEAH.

Eric: UM NOW I'VE INHERITED
A FEW COMPUTERS AND I'VE
PURCHASED AN, AN APPLE JUST
RECENTLY.

Leo: OH SO YOU'VE GOT NOW
YOU'VE GOT A NETWORK.

Eric: YEAH WELL MAYBE ONE
DAY.

UM THE PROBLEM THAT I'M HAVING
THOUGH WITH THAT OLD COMPUTER
IT ACTUALLY ONLY HAS A THREE
AND A HALF FLOPPY WHERE YOU
CAN ACTUALLY REMOVE DATA AND
STUFF.

Leo: RIGHT.

Eric: FROM IT.

AND I'VE TRIED TO TAKE OFF THE
INFORMATION AND PUT IT ONTO MY
NEW COMPUTER.

NOW THE DATA IS NOT TOO MUCH
OF A PROBLEM I GUESS.

BUT IT'S MORE THE PICTURES
THAT I HAVE ON THE --

Leo: HOW, HOW, HOW MANY
PICTURES DO YOU HAVE?

Eric: WELL THERE IS QUITE A
FEW.

I, I, I --

Leo: GIGABYTES, MEGABYTES?

Eric: I HAVE NO IDEA.

[Laughs]

Leo: YOU KNOW PROBABLY I
WOULD BET YOU THE BEST THING
TO DO --

Eric: PROBABLY THEY'RE
STILL PHOTOS.

Leo: YEAH, YEAH I WOULD SAY
THAT THERE ARE A COUPLE OF
THINGS YOU CAN DO.

[Pop captions up]

Leo: HERE'S ONE THAT'S
GONNA GIVE YOU SOME UTILITY
DOWN THE ROAD.
IT'S NOT JUST GONNA BE A WASTE
OF TIME.
THERE ARE MANY WAYS YOU COULD
CONNECT THESE.

IF IT, IT HAS A NETWORK CARD
YOU CAN NETWORK EM TOGETHER.
AH YOU COULD BUY USB CABLES
THAT WOULD CONNECT THEM.

[Pop captions down]

Leo: THERE'S A THING CALLED
THE TORNADO THAT'S A USB
CABLE.
BUT THOSE ARE FOR KIND OF

THAT'LL JUST DO THAT.

WHAT I WOULD SUGGEST YOU DO IS
BUY AN INEXPENSIVE EXTERNAL
USB HARD DRIVE.

I PRESUME IT'S GOT WINDOWS
M.E. ON IT SO I PRESUME THAT
THERE ARE USB PORTS ON THAT
COMPUTER YES?

Eric: NOW I, I TRIED TO USE
WHAT DO YOU CALL THOSE THINGS?
IT'S A LITTLE, THE LITTLE
FLASH DRIVE.

Leo: A THUMBDRIVE YEAH.

Eric: BUT IT WOULD NOT, IT
WOULD NOT READ IT.

Leo: IT NEEDS M.E. NEEDS
SOFTWARE TO WORK WITH A
THUMBDRIVE.

Eric: OH OKAY.

Leo: AND NOWADAYS
THUMBDRIVES THEY JUST ASSUME
YOU'RE RUNNING YOU KNOW A
MODERN OPERATING SYSTEM.
THEY DON'T GIVE YOU A DISK.
SO YOU, YOU NEED THE MASS
STORAGE CLASS DRIVERS.
YOU CAN DOWNLOAD THEM AND
INSTALL THEM AND YOU'LL NEED
THAT FOR AN EXTERNAL HARD
DRIVE TOO.

A THUMBDRIVE WOULD WORK FINE.
ANOTHER THING ABOUT AN
EXTERNAL HARD DRIVE IS IT'S A

LITTLE BIT BIGGER.

A LITTLE BIT FASTER.

Eric: RIGHT.

Leo: IT'S NOT GONNA BE REAL

FAST IN THAT PENTIUM 3.

THE PENTIUM 3'S GONNA TAKE A

LITTLE BIT OF TIME CAUSE IT'S

USB 1.

BUT THEN AFTER YOU'VE COPIED

EVERYTHING OVER AND YOU PUT IT

ON THE NEW COMPUTER YOU'VE GOT

THIS USB DRIVE WHICH IS A

GREAT BACKUP DEVICE.

IT CAN THEN BE HOOKED UP IN

FUTURE TO ANY OF THE COMPUTERS

YOU HAVE INCLUDING THE

MACINTOSH AND YOU COULD BACKUP

DATA ONTO IT.

SO IT'S, IT'S I LIKE HAVING AN

EXTERNAL DRIVE.

I THINK THEY'RE VERY, VERY

USEFUL AND THEY'RE NOT VERY

EXPENSIVE.

YOU KNOW ABOUT 150 BUCKS FOR A

250 GIGABYTE DRIVE.

THAT'S PROBABLY MORE THAN YOU

NEED.

YOU COULD GET EVEN LESS

EXPENSIVE ONES, \$89 FOR A 100

GIGABYTES THAT KIND OF THING.

SO THESE ARE NOT, THESE ARE

NOT EXPENSIVE DEVICES.

HERE'S AN, AN EXAMPLE OF AN

HITACHI WE SHOWED RECENTLY.
I THINK THIS IS PRETTY COOL
LOOKING.
AH IT JUST PLUGS IN VIA THE
USB PORT.
NOW YOU WILL NEED SOFTWARE TO
MAKE THESE WORK.
YOU'LL HAVE TO HAVE THE USB
MASS STORAGE CLASS DRIVERS ON
THERE.
SO YOU MIGHT LOOK FOR ONE THAT
COMES WITH A DISK TO WORK WITH
M.E.
THAT MAKES IT THE EASIEST TO
INSTALL.
BUT ONCE YOU'VE INSTALLED THAT
YOU JUST COPY THE DATA OVER TO
THE DRIVE.
YOU'VE GOT A NOW YOU'VE GOT A
BACKUP OF IT.
YOU PUT IT ON THE NEW COMPUTER
YOU'RE SET.
LOTS YOU KNOW THE PRICES ON
THESE HAVE JUST FALLEN
INCREDIBLY TO AROUND ABOUT 80
CENTS A GIGABYTE.
SO THEY'RE VERY, VERY
AFFORDABLE.
NOW DON'T HESITATE TO GET ONE
OF THE USB 2.0 DRIVES.
THAT'S WHAT YOU WANT.
IT WON'T RUN AT 2.0 SPEEDS ON
THE OLD PENTIUM 3.

BUT IT, BUT IT WILL ON THE
OTHER COMPUTERS AND YOU KNOW
IT'S ONLY GONNA BE ONE TIME
YOU'RE GONNA USE IT WITH THAT
PENTIUM 3 JUST TO GET THAT OLD
DATA OFF OF IT.

SO THAT WOULD BE MY
RECOMMENDATION.

YOU CAN USE A THUMBDRIVE IF IT
FITS ON THE THUMBDRIVE.

BUT YOU'VE GOT TO GET THE, THE
DRIVERS.

SO LET ME HELP YOU WITH THAT,
MASS STORAGE CLASS.

THAT'S WHAT ITS CALLED AND IF
YOU GOOGLE MASS STORAGE CLASS
AND DRIVER YOU'LL SEE THERE
ARE A NUMBER OF PLACES THAT
YOU CAN DOWNLOAD THIS DRIVER.
IT DOESN'T MATTER WHO YOU GET
IT FROM.

IT'S ALL THE SAME.

THERE'S ONE DRIVER IT COMES
WITH ALL VERSIONS OF WINDOWS
SINCE M.E.

IT JUST DIDN'T COME WITH M.E.

YOU JUST NEED TO INSTALL THAT
DRIVER AND, AND YOU'LL BE ABLE
TO THEN IN FACT GET IT, GET IT
FROM MICROSOFT IF YOU, IF YOU
WANT TO BE ABSOLUTELY SAFE.

YOU CAN DOWNLOAD IT RIGHT HERE
AND IT'S VERY EASY TO USE

OKAY?

Eric: MICROSOFT.

Leo: YEAH.

Eric: I'M WRITING THIS DOWN

SO I --

Leo: IT'S, IT'S, IT'S SEE

IT SAYS THIS IS WINDOWS M.E.

SUPPORTS IT.

YOU'RE GONNA HAVE A FILE

CALLED USBSTORE.SYS.

UM AND LET'S SEE IF IT GIVES

YOU AN INSTALLER OR JUST IF

YOU JUST PUT IT ON THE DRIVE

AND IT TALKS ABOUT HOW TO DO

IT.

[MUSIC]

Leo: AND WINDOWS M.E., YEAH

THEY HAVE SOME WINDOWS M.E.

EXCEPTIONS.

YOU PROBABLY WANT TO GO TO

THIS SITE.

IT'S UM, IT'S JUST SEARCH USB

STORAGE F-A-Q AT MICROSOFT.COM

AND IT'LL EXPLAIN ALL OF THIS

STUFF AND IT'LL TELL YOU HOW

TO DOWNLOAD AND INSTALL IT.

THAT'S ALL YOU REALLY NEED.

IF YOU HAD A DISK MANY OF THE

USB KEYS USED TO COME WITH A

DISK FOR THIS PURPOSE,

PURPOSE.

IF YOU HAD ONE OF THOSE YOU

COULD FIND SOMEBODY WHO OFFERS

THAT FOR DOWNLOAD.

THAT'S ANOTHER WAY TO DO IT,
JUST RUN THE INSTALLER.

THAT'S PROBABLY THE BEST WAY
TO DO IT AND THEN YOU'LL BE
ABLE TO DO IT.

HEY THANKS FOR THE CALL.

I APPRECIATE IT ERIC.

NOW TIME FOR A SHINY FROM
SEAN.

Sean Carruthers: YES.

Leo: HE'S GOT A LITTLE
BITTY NANO AND A REALLY BIG
BOX HE'S PLUGGING IT INTO.
WHAT IS THIS?

Sean Carruthers: YES THIS
BOX ISN'T ALL THAT SHINY.
IT'S RATHER INDUSTRIAL
LOOKING.

[Pop captions up]

Leo: IT'S KIND OF DULL.

Sean Carruthers: YOU KNOW
WHAT?

ITS, ITS DESIGNED TO MAKE YOUR
AUDIO MORE SHINY.

Leo: AHH.

Sean Carruthers: SO WE, WE
TALKED WITH RALPH EARLIER
ABOUT SOME MP3S.

[Pop captions down]

Leo: YEAH.

Sean Carruthers: UM THIS IS
DESIGNED TO SORT OF SWEETEN UP

YOUR SOUND WITH ANY AUDIO
INPUTS, INPUT SOURCE THAT YOU
CAN STICK IN THE BACK.

SO WE'VE GOT THE --

Leo: THIS IS THE BBE SOUND--

Sean Carruthers: YEAH.

Leo: OR SONIC MAXIMIZER.

[Both talking at once]

Sean Carruthers: SONIC

MAXIMIZER VG360.

[Pop captions up]

Sean Carruthers: THEY'VE
GOT A WHOLE LINE OF THEM SOME
MORE PROFESSIONAL THAN OTHERS.
THIS IS ABOUT \$99.

SO IT'S JUST AN ENTRY LEVEL
VERSION.

Leo: SO THERE'S A LITTLE
PLUG FOR THE --

Sean Carruthers: YEAH.

Leo: FOR IPODS.

[Pop captions down]

Leo: A LOT OF DEVICES WILL
USE THAT LITTLE PLUG.

Sean Carruthers: RIGHT AND
YOU'VE GOT --

Leo: RCA JACKS.

Sean Carruthers: RCA JACKS
AS WELL.

AND, AND THE GOAL IS SIMPLE.
IT WHEN YOU'RE PLAYING BACK
THINGS DIFFERENT SPEAKERS HAVE
DIFFERENT METHODS OF GETTING

THE, THE TREBLE AND THE BASS
OUT AND SOMETIMES THE TIMING
CAN SHIFT UM DEPENDING ON WHAT
KIND OF SPEAKERS.

Leo: YOU'RE TALKING MUMBO
JUMBO VOODOO TO ME HERE.

Sean Carruthers: YEAH, YEAH
THIS, THIS IS ONE OF THE
PROBLEMS WITH THIS.
IT'S HARD TO WRAP YOUR HEAD
AROUND IT.

Leo: DOES IT CAN YOU HEAR
THE DIFFERENCE?

Sean Carruthers: YOU CAN
HEAR THE DIFFERENCE.
SO LET'S, LET'S DO THIS.

Leo: DOES IT REALLY MAKE A
DIFFERENCE?

Sean Carruthers: SO --

Leo: WE'VE GOT IT HOOKED UP
AND THEN THERE ARE THESE
DIALS, THERE'S TWO.

Sean Carruthers: RIGHT.

[MUSIC]

Leo: THERE'S A LOW CONTOUR
AND PROCESS.

Sean Carruthers: SO LOW
CONTOUR AND PROCESS.
SO LOW CONTOUR IS ESSENTIALLY
YOUR BASS.
SO YOU CAN CRANK THE BASS OUT.

Leo: OKAY.

Sean Carruthers: IF YOU

WANT, CRANK IT BACK IN IF
YOU'VE GOT SOMETHING THAT'S A
LITTLE BIT --

Leo: YEAH I HEAR THE
DIFFERENCE.
MAYBE NOT ON YOUR TV BUT I CAN
HEAR IT.

Sean Carruthers: YEAH AND
THEN THIS ONE RIGHT HERE IS
THE PROCESS IS HOW MUCH
DIGITAL PROCESS IS GOING INTO
IT.

Leo: OH YEAH.

Sean Carruthers: SO YOU CAN
SWEETEN IT, DULL IT OUT A BIT
AND GET IT INTO THE STATE THAT
YOU WANT IT SO.

Leo: OH THAT'S INTERESTING.
IT'S ALMOST LIKE AN UNSHARP
MASK FOR AUDIO.

Sean Carruthers: KIND OF.
SO IT, IT IS DESIGNED
ESSENTIALLY FOR THAT.

Leo: YEAH IT DOES MAKE A
DIFFERENCE.
I MEAN YOU CAN HEAR IT.

Sean Carruthers: RIGHT, SO.

Leo: DO YOU THINK YOU NEED
IT?

Sean Carruthers: DO YOU
NEED IT?

IT'S HARD TO SAY.
UM WE GAVE IT TO OUR MAN CHUCK

D IN THE CONTROL ROOM.

Leo: THE AUDIO GUY.

Sean Carruthers: AND HE
SAID IT SORT OF ROUGHLY
REPLICATES BASS AND TREBLE IN
A LOT OF WAYS.

[Leo laughing]

Sean Carruthers: I MEAN IT
DOES MORE THAN JUST THAT.

[Pop captions up]

Sean Carruthers: BUT IF
YOU'VE GOT A TIN EAR LIKE I DO
SOMETIMES YOU PROBABLY DON'T
NEED THIS.

BUT IF YOU DO WANT TO SWEETEN
UP YOUR SOUND AND YOU JUST
CAN'T FIGURE OUT QUITE HOW TO
DO IT THIS MIGHT BE A WAY TO
DO IT.

Leo: A HUNDRED BUCKS.

Sean Carruthers: SO A
HUNDRED BUCKS SO IT'S NOT TOO
EXPENSIVE.
IT DOES HAVE THE MULTIPLE
AUDIO INPUTS AS YOU SAW AND AS
I SAID IT'S DESIGNED TO ADJUST
THE TIMING OF YOUR
FREQUENCIES.
THE DULL IT'S HARD TO QUANTIFY
THE RESULTS.
IS THIS DOING ANYTHING MORE
THAN THE BASS AND TREBLE?

Leo: RIGHT.

Sean Carruthers: I, I DON'T

KNOW.

BUT A LOT OF AUDIO PROS SWEAR
BY THIS.

SO I'M GONNA DEFER TO THEM AND
THE OTHER DULL IT DOESN'T LOOK
VERY PRETTY.

Leo: YEAH.

[Pop captions down]

Sean Carruthers: SO IF

YOU'RE PUTTING IT IN WITH ALL
OF YOUR HI-TECH EQUIPMENT
THAT'S LOOKING REALLY GOOD AH.

Leo: OH BUT, BUT YOU KNOW
THEN THEY GO OH HE'S GOT A
SONIC MAXIMIZER.

HE MUST HAVE GOLDEN EARS.

Sean Carruthers: IT LOOKS
LIKE SOMETHING YOU SEE IN A
LAB.

Leo: YEAH.

OH HE'S SOPHISTICATED.

[Pop captions up]

Leo: COMING UP NICK BOUTON
IS HERE TO TALK ABOUT
SOMETHING NEW FROM YAHOO.

THIS IS FOR DEVELOPERS BUT
IT'S GONNA MAKE A BIG
DIFFERENCE IN HOW WEBSITES
LOOK GOING FORWARD AND I THINK
IT'S A REALLY EXCITING THING
THAT YAHOO IS DOING.

THEY'RE JUST GIVING IT AWAY TO

THE COMMUNITY.

WE'LL TALK ABOUT YAHOO'S USER
INTERFACE TOOLS IN JUST A
LITTLE BIT.

BUT FIRST A QUICK QUIZ
QUESTION OF THE DAY.

WHICH OF THESE JOBS HASN'T
KATE DONE?

Sean Carruthers: I HAVE AN
IDEA.

Leo: THERE'S QUITE A LONG
LIST OF THINGS SHE HASN'T
DONE.

BUT AMONG THESE FOUR WHICH IS
IT?

[Blank for boards]

Leo: COME BACK WITH US
AFTER THE BREAK.

WE'LL TELL YOU WHEN "THE LAB"
CONTINUES.

[MUSIC]

[Pop captions down]

[Commercial break]

[MUSIC]

[Pop captions up]

Leo: WELCOME BACK TO "THE LAB".
BEFORE THE BREAK WE ASKED YOU
WHICH OF THESE THINGS DID KATE
ABRAHAM THE LOVELY KATE DID
NOT DO?

I'M GONNA GUESS TEAHOUSE
WAITRESS AND I WOULD GUESS
CORRECTLY.

I KNEW SHE WAS A BOVINE
PREGNANCY TESTER THE MOMENT I
MET HER.

[Laughs]

[Pop captions down]

Leo: WE WON'T TELL YOU WHAT
THAT MEANS.

BUT FOR THOSE OF YOU WHO LIVE
IN FARM COUNTRY YOU PROBABLY
DON'T NEED MUCH OF AN
EXPLANATION.

[Laughs]

Leo: NICK BOUTON IS HERE.

HE IS A DEVELOPER AT OPENROAD
COMMUNICATIONS, DOES A LOT OF
WEB APPLICATION DEVELOPMENT
AND HERE TO TELL US ABOUT
SOMETHING PRETTY DARN EXCITING
THAT YAHOO HAS ANNOUNCED.

WE'VE TALKED BEFORE ABOUT AJAX
AND MAKING MODERN WEBSITES
THAT ARE VERY INTERACTIVE.
YAHOO'S MAKING THAT EASIER
AREN'T THEY?

[Pop captions up]

Nick Bouton: YEAH THEY'RE
BRINGING OUT A BIG SET OF
TOOLS CALLED THE YAHOO
INTERFACE LIBRARY AND IT LETS
YOU KIND OF SPEED UP THE
PROCESS OF BUILDING AJAX AND
RICH INTERNET APPLICATIONS
USING THEIR SET OF CONTROLS

AND UTILITIES THAT THEY'RE
PUTTING OUT FOR FREE.

[Pop captions down]

Leo: SO THIS IS STUFF THAT
THEY'VE DEVELOPED INHOUSE FOR
THEIR OWN SITE.

Nick Bouton: YEAH.

[Pop captions up]

Leo: WHY WOULD THEY GIVE
THIS AWAY?

Nick Bouton: I COULDN'T
TELL YOU.

I GUESS THEY WANT TO COMPETE,
I THINK THEY WANT TO COMPETE
IN THE MARKETPLACE AND JUST
PUT IT OUT THERE.

THEY'RE LOOKING AT GOOGLE.
THEY'RE LOOKING AT OTHER LARGE
COMPANIES --

[Pop captions down]

Leo: RIGHT.

Nick Bouton: THAT ARE
PUTTING OUT A LOT OF FREE
SOFTWARE AND I GUESS THIS IS
KIND OF THEIR PLAY INTO THE,
THE OPEN SOURCE MARKETPLACE AS
WELL.

Leo: IT'S SURE A GOOD WAY
TO GET DEVELOP GOOD WILL AMONG
DEVELOPERS.

Nick Bouton: YEAH FOR SURE.

Leo: IF, IF ITS GOOD AND IF
IT WORKS.

IT SOUNDS LIKE IT DOES WORK
PRETTY WELL.

Nick Bouton: YEAH.

Leo: I'VE HEARD GOOD THINGS
ABOUT IT.

Nick Bouton: YEAH.

NO IT'S, IT'S BEING USED ON A
LOT OF LARGE SITES RIGHT NOW
LIKE LINKED IN, SLASHDOT.
THEY'RE ALL KIND OF USING A
LOT OF DIFFERENT COMPONENTS OF
THAT YUI AS WE CALL IT.
AND UM IT SEEMS TO BE GAINING
A LOT OF TRACTION.
LIKE IT'S BEEN OUT FOR ABOUT A
YEAR AND A HALF TWO YEARS I
THINK.

Leo: OH OKAY.

Nick Bouton: ABOUT AND IT'S
GETTING TO BE A MATURE PRODUCT
NOW.
SO IT'S AND IT'S FREE AND IT'S
AS DOCUMENTED AS ANY
COMMERCIAL PRODUCT YOU'LL FIND
ONLINE RIGHT SO.

Leo: NOW THE LICENSE IT
ALLOWS YOU TO USE THIS IN A
COMMERCIAL SITE WITHOUT PAYING
YAHOO?

Nick Bouton: YEAH IT'S
RUNNING ON THE BSD LICENSE I
THINK.

Leo: MMM-HMM.

Nick Bouton: AND I'M NOT SURE IF IT'S A MODIFIED VERSION OR IF IT'S THEIR VERSION OF IT. BUT YEAH YOU CAN USE IT PRETTY MUCH EVERYWHERE.

Leo: IT'S VERY LIBERAL. IT ALLOWS YOU REALLY JUST YOU KNOW TO USE IT AND, AND, AND ENJOY IT.

Nick Bouton: YEAH, YEAH DEFINITELY.

Leo: SO SHOW US A LITTLE BIT ABOUT YUI AND, AND WHAT IT CAN DO.

Nick Bouton: SO THE YUI HAS A COUPLE OF WELL ACTUALLY THERE'S QUITE A FEW DIFFERENT CONTROLS YOU CAN USE AND I THINK ONE OF THE BEST ONES THAT WE USE PRETTY OFTEN IS THE, THE TABVIEW CONTROL AND --

Leo: YOU SEE THIS ON A LOT OF SITES. THIS IS A HARD THING IF YOU HAD TO CODE THIS BY HAND.

Nick Bouton: YEAH THAT'S THE THING IS IN THE OLD DAYS, LIKE THREE, FOUR, TEN YEARS AGO WE HAD TO WRITE ALL THIS STUFF BY HAND.

Leo: RIGHT.

Nick Bouton: AND NOW WE CAN

JUST GET SOMEBODY TO DO IT FOR
US WITH THIS.

Leo: AND WORSE THAN THAT
YOU HAD TO WRITE A DIFFERENT
VERSION FOR EVERY BROWSER.

Nick Bouton: YEAH.

Leo: INTERNET EXPLORER
WORKS DIFFERENTLY THEN
FIREFOX, WITH WINDOWS OPERA --

Nick Bouton: RIGHT.

Leo: WITH SAFARI.

Nick Bouton: YEAH I SPENT A
LOT OF, A LOT OF TIME CRYING
OVER THAT YOU KNOW YEAH.

Leo: YEAH.

BUT, BUT THEY HANDLED IT THAT
RIGHT?

Nick Bouton: YEAH.

Leo: SO IT'S GUARANTEED TO
WORK WITH ALL THE MAJOR
BROWSERS.

Nick Bouton: YEAH NO IT'S
FOR SURE.

IT WORKS ACROSS IE, ACROSS
FIREFOX, SAFARI PRETTY MUCH
EVERYTHING YOU CAN THROW AT
IT, OPERA EVEN YOUR IT
ACTUALLY WORKS ON MY IPHONE.

Leo: REALLY?

Nick Bouton: SO THAT'S WHAT
IT'S ALL YEAH.

Leo: WOW.

SO WHAT IS A TAB SO I CLICK A

TAB AND I GO TO ANOTHER?

Nick Bouton: YEAH I MEAN
IT'S PRETTY STRAIGHTFORWARD.
YOU'VE SEEN THIS EVERYWHERE.

Leo: YEAH, YEAH.

Nick Bouton: IT'S, IT'S
JUST A TAB BASICALLY RIGHT.

Leo: NOW THAT'S AJAX WHICH
AND, AND THE REASON THAT
THAT'S GOOD IS IT DOESN'T HAVE
TO REDRAW THE WHOLE PAGE TO GO
TO THE NEXT TABVIEW.
IT JUST CHANGES THAT PART.

Nick Bouton: YEAH.

Leo: IT'S MUCH MORE LIKE A
DESKTOP APPLICATION THEN A
WEBSITE.

Nick Bouton: YEAH THE JOY
OF AJAX IS LACK OF PAGE
REFRESHERS RIGHT.

Leo: RIGHT.

Nick Bouton: IT'S MAKING
DATA CALLS TO THE SERVER IN
THE BACKGROUND.

Leo: IT GETS THE DATA AHEAD
OF TIME.

Nick Bouton: EXACTLY RIGHT
IT'S CACHING ON STUFF THAT'S
ASYNCHRONOUS.

Leo: RIGHT.

Nick Bouton: SO THAT'S WHY
IT'S CALLED ASYNCHRONOUS AJAX.
THE A IS FOR ASYNCHRONOUS.

SO IT'S DOING IT IN THE
BACKGROUND WHEN YOU'RE NOT
PAYING ATTENTION.

Leo: AND NOW PROGRAMMERS
CAN DO THIS BY HAND AS I SAID.

Nick Bouton: YEAH.

Leo: BUT IT'S A LOT EASIER
IF YOU HAVE A LIBRARY TO DO
IT.

Nick Bouton: YEAH.

Leo: THERE HAVE BEEN OTHER
LIBRARIES.

THERE'S SCRIPTACULOUS AND
PROTOTYPE.

Nick Bouton: YEAH THERE'S
DOJO.

THERE'S MOOD ON EFFECTS.

THERE'S, THERE'S AT LEAST A
HALF DOZEN.

MICROSOFT HAS THEIR OWN,
ASP.NET UM --

[Both talking at once]

Leo: HOW DOES THIS COMPARE
TO ALL THE EXISTING STUFF OUT
THERE?

Nick Bouton: UM I THINK
IT'S REALLY WELL DOCUMENTED
COMPARED TO MOST OF THE STUFF
OUT THERE.
THE MICROSOFT STUFF MIGHT COME
CLOSE NOW.

Leo: YEAH.

Nick Bouton: IT'S ALSO VERY

EASY TO WORK WITH IN GENERAL.
SINCE THE DOCUMENTATION IS OUT
THERE AND A LOT OF PEOPLE ARE
USING IT NOW THERE'S LOTS
TROUBLESHOOTING HELP --

Leo: THERE'S LOTS OF
EXAMPLES YEAH.

Nick Bouton: THERE'S
EXAMPLES, EXAMPLES AND THERE'S
A LOT OF --

[Both talking at once]

Leo: SHOW US SOME MORE
THINGS YOU CAN DO WITH IT
HERE.

Nick Bouton: SO I MEAN WELL
JUST TO GIVE YOU AN EXAMPLE --

[Both talking at once]

Leo: THIS IS GREAT.
I'M GONNA USE THAT FOR SURE.

Nick Bouton: LET ME PULL UP
HERE --

Leo: THIS IS YOUR SITE.

Nick Bouton: THIS IS THE
PRODUCT THAT MY COMPANY PUTS
OUT THOUGHTFARMER.

Leo: MMM-HMM.

Nick Bouton: AND WE'VE USED
THE YUI PRETTY EXTENSIVELY IN
HERE TOO.
I'LL JUST GIVE YOU AN EXAMPLE
OF THE AUTO COMPLETE FUNCTION
UP THERE.

Leo: OH WOULDN'T IT BE NICE

TO HAVE THAT BUILT IN?

Nick Bouton: THAT'S PULLING
THAT RIGHT OUT OF OUR DATABASE
STRAIGHT UP.

Leo: THAT WOULD BE A LOT OF
CODE TO GET THAT WORK.

Nick Bouton: OH YEAH
EXACTLY.

SO THIS IS SPEEDING UP OUR
DEVELOPMENT SO IT'S --

[Both talking at once]

Leo: IS IT JUST A FEW LINES
TO IMPLEMENT SOMETHING LIKE
THAT?

I MEAN HOW, HOW HARD IS IT TO
IMPLEMENT?

Nick Bouton: NO THIS IS
PRETTY INTENSE, LIKE THERE'S,
THERE'S --

[Pop captions up]

Leo: EVEN WITH YUI YOU'D
HAVE TO DO A LOT OF CODING.

Nick Bouton: YEAH BUT IT
CUTS IT IN HALF RIGHT.

Leo: YEAH.

Nick Bouton: LIKE IT'S YOU
DON'T HAVE TO DO ALL THE FRONT
END CODE FOR IT.

[Pop captions down]

Leo: RIGHT.

Nick Bouton: I CAN JUST
FOCUS ON THE ACTUAL LINE --

[Both talking at once]

Leo: HOW YOU, HOW YOU
CONNECT IT TO THE DATABASE.

Nick Bouton: YEAH EXACTLY.

Leo: YEAH, YEAH.

Nick Bouton: SO --

Leo: VERY COOL.

SO WHAT ARE THE NEGATIVES?
THERE'S GOT TO BE A NEGATIVE.
IT'S TOO GOOD TO BE TRUE.
IT'S FREE.
IT'S OPEN SOURCE RIGHT?

Nick Bouton: YEAH.

Leo: A LOT OF PEOPLE ARE
USING IT.

Nick Bouton: I THINK THE
BIGGEST PROBLEM THAT WE SEE
WITH IT IS THAT Y, YAHOO DOES
A LOT OF WORK COMPRESSING
THEIR CODE SO IT'S NICE AND
SMALL AND --

Leo: THEY EVEN GIVE YOU A
CODE COMPRESSOR, WHICH IS KIND
OF NEAT.

Nick Bouton: YEAH AND THEY
LIKE THE CODE YOU CAN GET
DIFFERENT VERSIONS OF IT FOR
DEBUGGING AND FOR, FOR JUST
GENERAL USE.

Leo: YEAH.

Nick Bouton: BUT THERE'S
ALSO MINIFIED VERSIONS THAT
ARE WHERE ALL THE LIGHT, WHITE
SPACE HAS BEEN REMOVED SO.

Leo: HARD TO READ.

Nick Bouton: HARD TO READ
BUT IT MAKES, IT MAKES YOUR
CODE LIKE HALF THE SIZE RIGHT.

Leo: IT'S GOOD FOR YOUR
BROWSER, RIGHT.

Nick Bouton: SO --

Leo: THAT IS ONE NEGATIVE
OF A, A LOT OF AJAX STUFF IS
YOU'RE, YOU'RE DOING A LOT OF
DATA.

Nick Bouton: YEAH.

Leo: AND A LOT OF LOADING
AND PAGES CAN GET QUITE HUGE.

Nick Bouton: YEAH.

Leo: STYLESHEETS CAN BE
HUNDREDS OF K.

Nick Bouton: YEAH YOU CAN
END UP WITH A PAGE --

Leo: AND CODE CAN BE

Nick Bouton: THAT'S LIKE
500K AT THE END OF IT.

Leo: RIGHT.

Nick Bouton: WHEN REALLY
ALL THERE IS, IS LIKE 100K OF
CONTENT RIGHT.

Leo: JUST TO DO A DROPDOWN.

[Laughs]

Nick Bouton: EXACTLY.

Leo: SO THAT'S SOMETHING TO
BE AWARE OF.

BUT IT SOUNDS LIKE THIS IS
REALLY A GREAT TOOL.

NOW EVEN IF YOU'RE NOT A
DEVELOPER YOU'LL PROBABLY SEE
A LOT OF SITES USING THIS.
WE THOUGHT IT'D BE WORTH
TELLING YOU WHAT YAHOO'S UP
TO.

Nick Bouton: YEAH.

Leo: AND YOU CAN FIND OUT
MORE AT
DEVELOPER.YAHOO.COMSLASHYUI.
THAT'S THE YAHOO USER
INTERFACE AND YOU CAN FIND OUT
MORE ABOUT NICK BOUTON AT --

[Pop captions up]

[Blank for boards]

Leo: WHAT'S UP THERE?

IS THAT A BLOG?

Nick Bouton: IT'S MY BLOG.

I DO A LOT OF TECH POSTS AND
STUFF LIKE THAT.

Leo: COOL.

Nick Bouton: SO I'VE, I'VE
GOT A TUTORIAL ON CUSTOMIZING
THE TABVIEW IF ANYONE WANTS TO
GO CHECK THAT OUT.

Leo: SO IF YOU'RE CHOOSING
YUI THAT MIGHT BE A GOOD PLACE
TO START.

Nick Bouton: IT IS.

Leo: YEAH THAT'S GREAT, OR
GO TO OUR WEBSITE CAUSE WE'VE
GOT LINKS TO ALL OF THE ABOVE
AT --

[Blank for boards]

Leo: THANK YOU NICK.

Nick Bouton: THANK YOU.

Leo: I REALLY APPRECIATE
IT, NICE TO MEET YOU.

[Pop captions down]

Nick Bouton: YOU TOO.

Leo: IT MAKES ME WANT TO
CODE SOME MORE.

DON'T WORRY I WON'T.

I'LL TELL YOU WHAT I WILL DO.

WE'LL TAKE A BREAK AND WE'LL

COME BACK WITH SOME FINAL

WORDS RIGHT AFTER THIS.

YOU STAY RIGHT HERE.

[MUSIC]

[Commercial break]

[MUSIC]

Leo: WELCOME BACK TO "THE LAB".

I'M JUST CHATTING WITH KATE

ABOUT HER MANY DIFFERENT

OCCUPATIONS.

Kate: MMM-HMM.

Leo: SO I, I UNDERSTAND YOU

PROBABLY WERE YOUNG AND YOU

WERE YOU NEEDED THE MONEY SO

YOU WERE A CHAMBERMAID.

I CAN UNDERSTAND THAT.

Kate: ABSOLUTELY, YEAH THAT

WAS A GRAPHIC JOB.

Leo: I'VE WORKED AS A, AS A

BUSBOY, IT'S VERY SIMILAR.

Kate: MMM-HMM.

Leo: YOU WORKED AS AN
INTERSTITIAL WRITER.
THAT WAS, THAT WAS OUR PARENT
COMPANY ROGERS.

Kate: YES IT WAS.

Leo: AND FOR THE BIOGRAPHY
CHANNEL.

Kate: YES.

Leo: BOVINE PREGNANCY
TESTER.

Kate: YES THAT WAS --

[Pop captions up]

Leo: HOW DID THAT HAPPEN?

Kate: WELL I WAS 16 DOING
WORK EXPERIENCE THEY MAKE YOU
DO IN ENGLAND AND I WENT TO A
VET'S AND --

Leo: DID YOU WANT TO BE A
VET?

Kate: I DID FOR ABOUT A
YEAR OR SO I WAS LIKE I'M
GONNA DO THIS.

THIS IS GONNA BE GREAT.

Leo: CAUSE YOU LOVED
ANIMALS.

Kate: I'M GONNA SAVE THE
WORLD.

Leo: YEAH.

Kate: AND AH I STOOD IN A
COWSHED FOR EIGHT HOURS WITH
188 COWS.

Leo: COWSHED.

Kate: COWSHED AND --

Leo: YEAH SAY THAT

CAREFULLY.

[Laughs]

Kate: AND IT WAS THE MOST --

Leo: ALTHOUGH A LITTLE BIT
OF THE OTHER STUFF TOO I
IMAGINE.

Kate: YES IT WAS THE MOST
GRAPHIC EXPERIENCE.

Leo: SO HOW MANY COWS DID
YOU TEST?

Kate: 188.

Leo: 188 COWS --

Kate: PURE --

Leo: IN EIGHT HOURS?

Kate: OH YEAH I ACTUALLY I
DIDN'T GO IN.

I, I HELD THE, THE MACHINE
THAT HOLDS THE ULTRASOUND OF
THE CALF.

Leo: WELL THAT'S KIND OF
FUN.

Kate: ISN'T, ISN'T NATURE
GRAND?

[Laughs]

[Pop captions down]

Leo: YEAH WE'RE GONNA STEP
OUT OF THE COWSHED FOR A
MOMENT AND JUST REMIND YOU
THAT WE WILL BE BACK NEXT TIME
FOR ANOTHER GREAT EPISODE.
WE HOPE YOU WILL TOO.
WE'LL SEE YOU THEN, BYE-BYE.

[MUSIC]

[Coins bouncing]

[MUSIC]

[Pop captions up quickly]

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[Pop captions down]