

[Pop captions up]

(Quiet synthesizer music)

Sean Carruthers: WHAT'S THE FUTURE OF TELEVISION?

I'M SEAN CARRUTHERS, AND I'LL

GIVE YOU A SNEAK PEEK TODAY ON "THE LAB."

[Pop captions down]

(Theme music playing)

(Sound of dial-up modem)

[MUSIC]

[Pop captions up]

Leo Laporte: HI, HOW ARE YOU?

GOOD TO SEE YOU AND WELCOME.

IT'S TIME FOR "THE LAB!"

I'M LEO LAPORTE.

THIS IS THE LAB RIGHT HERE.

[Pop captions down]

Leo: YOU'RE IN IT.

AND THIS IS MY LAB ASSISTANT.

WHERE'S YOUR --

[Pop captions up]

Leo: I TOLD YOU LAB COATS!

Kate Abraham: HONESTLY, I WOULD WEAR ONE.

Leo: WOULD YOU?

Kate: I WOULD INDEED.

Leo: OH, I WOULDN'T WANT YOU TO WEAR ONE.

Kate: UNDER THESE LIGHTS, IT WOULD BE SO HOT BY NOW.

(Both laughing)

[Pop captions down]

Leo: THIS IS KATE ABRAHAM, EVERYBODY.

GOOD TO SEE YOU.

GOOD TO SEE YOU.

Kate: YOU TOO.

Leo: EPISODE 175.

Kate: WHOA!

Leo: WE'RE JUST TRUCKIN' ALONG.

Kate: (Chuckling)

Leo: AND I THINK IN

AT LEAST 90 OF THOSE 175,

RAY MAXWELL HAS BEEN HERE.

HE'S OUR FAVOURITE GUEST.

WE LOVE RAY!

HE'S GONNA TALK ABOUT USING

SOMETHING CALLED "SMART

OBJECTS," A LITTLE PHOTOSHOP TUTORIAL.

HE'S VERY GOOD AT THE PHOTOSHOP.

Kate: MM-HMM.

Leo: LOVES THE PHOTOSHOP.

Kate: HE DOES.

Leo: YES.

YOU'VE GOT A TIP OF THE DAY COMING UP.

WE'VE GOT A QUIZ QUESTION OF THE DAY.

Kate: YES.

Leo: WE'VE GOT RYAN YEWELL'S JEWELS "AND"

SEAN CARRUTHERS, AS HE SAID, THE

FUTURE OF TV'S.

WOW.

Kate: MM-HMM.

Leo: YOU MEAN THERE'S MORE THAN THIS?

Kate: EXACTLY.

THERE'S HUGE, HUGE SCREENS.

THAT'S --

Leo: DO YOU HAVE A HIGH-DEF TV YET?

Kate: I DON'T, NO.

Leo: I JUST READ A POLL.

IT'S A LITTLE OUT OF DATE NOW,
BUT IT SAID THAT 52% OF ALL
AMERICAN MEN PLAN TO FIND A
HIGH-DEF TELEVISION SET TO WATCH
THE SUPER BOWL, 52%.

Kate: I CAN BELIEVE THAT.

Leo: OH.

(Chuckling)

Kate: HONESTLY, IF IT
WAS HERE, AND IT'S THE HOCKEY,
IT'D GO TO 85%.

Leo: YEAH, THE GREY CUP OR THE NHL.

Kate: YEAH, THE STANLEY CUP, YEAH.

Leo: OF COURSE, STANLEY CUP.
OF COURSE YOU WOULD BECAUSE YOU
WANT TO SEE IT IN ALL THE DETAIL.
I THINK THE FIGURES --
AND I MAY BE WRONG.
I THINK IT'S ABOUT 30% OF ALL
AMERICANS HAVE A HIGH-DEF
TELEVISION SET.

Kate: OKAY.

Leo: THE PROBLEM IS
THERE'S SO LITTLE HIGH-DEF
CONTENT, BUT THERE'S MORE ALL
THE TIME.

Kate: IT'S COMING, THOUGH.
THESE CHANNELS ARE COMING.

Leo: IT'S MORE AND MORE, MORE AND MORE.
AND NOW THAT THE HD DVD AND

BLU-RAY BATTLE IS OVER, AND WE
CAN DECLARE A WINNER, BLU-RAY, I
THINK THAT'LL HELP IT A LITTLE
BIT, TOO.

Kate: GO OUT AND REPLACE ALL OUR DVD COLLECTIONS.

(Chuckling)

Leo: (Chuckling)

ISN'T THAT SAD, HUH?

Kate: YES, IT IS.

Leo: ACTUALLY, YOUR
OLD DVD'S WILL WORK ON THE BLU-RAY.

Kate: YEAH.

Leo: IF YOU'VE GOT A
PS3 OR A BLU-RAY PLAYER, THEY
WORK ON THAT.

IT'S THE HD DVD'S YOU'RE GONNA
HAVE TO TRADE IN NOW.

Sean: OH!

Leo: OH!

Kate: (Chuckling)

Leo: SEAN'S NOT HAPPY ABOUT THAT.

Kate: HE'S NOT HAPPY.

Leo: OH!

LET'S GET OUR --

WE'VE GOT SOME GREAT CALLERS
COMING UP.

LET'S GET OUR FIRST ON THE LINE.

WHAT DO YOU SAY?

Kate: FANTASTIC.

WE ARE GOING TO A PLACE CALLED
BURPENGARY IN QUEENSLAND.

Leo: ALL RIGHT.

Kate: AND WE HAVE JAKE.

Leo: WELL, HELLO, JAKE!

HOW ARE YA?

[Pop captions up]

Jake: HELLO, LEO.

Leo: AH, THANK YOU, KATE.

WHAT CAN I DO FOR YOU TODAY?

Jake: I'VE GOT AN OLD LAPTOP --

Leo: YEAH?

Jake: THAT IT'S --

THE HARD DRIVE'S STARTING TO GET OLD.

Leo: YEAH.

Jake: BUT I DO BACKUPPING VERY REGULARLY.

Leo: GOOD MAN.

Jake: AND I'D LIKE TO FIND IF

THERE'S A FREE GOOD WAY TO DO

OFFLINE BACKUPPING --

Leo: OH!

(Fist smacks)

Jake: BACKUP ON THE INTERNET.

Leo: I LOVE HEARING

YOU ASK THIS, JAKE. JAKE,

YOU'RE SUCH A SMART GUY!

[Pop captions down]

Leo: I WISH MORE PEOPLE WOULD ASK THIS.

YOU KNOW, WE ALL MAKE BACK --

[Pop captions up]

Leo: WELL, ONE HOPES

WE ALL MAKE BACKUPS, USUALLY TO

CD, DVD OR AN EXTERNAL

HARD DRIVE, AND WE'VE GOT OUR

COMPUTER RIGHT HERE AND OUR

BACKUPS RIGHT THERE, BUT, JAKE,

YOU'RE POINTING OUT A REALLY

IMPORTANT THING.

IF THE BACKUPS ARE STANDING
RIGHT NEXT TO THE COMPUTER, WHAT
IF THERE'S A FIRE, A FLOOD, AN
EARTHQUAKE, A TORNADO?
WHAT IF IT ALL GETS STOLEN?
YOUR BACKUPS ARE GONE, TOO!
SO --

[Pop captions down]

Jake: YEAH.

Leo: LIKE THAT, JUST DISAPPEARED COMPLETELY!

SO IF YOU HAVE OFFLINE BACKUP OR
ACTUALLY ONLINE BACKUP, OFF-SITE --
I GUESS OFF-SITE WOULD BE THE
BEST WAY TO PUT THAT.

IF YOU HAVE OFF-SITE BACKUP,
THEN YOU ALWAYS HAVE LIKE AN
EXTRA LAYER OF PROTECTION.
IF THE WORST HAPPENS TO YOUR
COMPUTER AND YOUR BACKUP, AT
LEAST THERE'S SOME OUT THERE IN
THE CLOUD.

SO THERE ARE A NUMBER OF
COMPANIES THAT DO THIS KIND OF THING.

I'VE MENTIONED IN THE PAST MOZY,
M-O-Z-Y DOT COM.

THEY OFFER UNLIMITED BACKUP FOR
ABOUT 50 BUCKS A YEAR.

THIS IS MAC OR WINDOWS.

CARBONITE DOES THE SAME THING, carbonite.com.

I THINK THEY WERE THE FIRST TO
DO THIS IDEA OF UNLIMITED BACKUP
WHERE YOU CAN BACK UP EVERYTHING

YOU'VE GOT ON YOUR HARD DRIVE.

I USE CARBONITE.

I HAVE 30 OR 40 GIGS WORTH OF
STUFF BACKED UP.

[Pop captions up]

Leo: BUT THE PROBLEM

IS IT'S \$50 A YEAR, OKAY?

SO WE'RE GONNA FIND YOU --

AND YOU'RE --

YOU KNOW, JAKE, YOU DON'T HAVE

UNLIMITED SUPPLY OF MONEY, RIGHT?

[Pop captions down]

Leo: YOU'VE GOTTA DO

THIS YOURSELF, SO LET'S FIND

SOME FREE BACKUP FOR YOU.

I'LL START, I'LL START WITH

SMALL AND GET LARGE.

MOST OF THE TIME, THE FREE

BACKUP, THE WHOLE IDEA OF IT IS

"COME ON IN AND GET TO TRY THE

FREE STUFF -- YOU'LL FILL IT UP

PRETTY QUICKLY, AND NOW MAYBE

YOU'LL WANT TO BUY SOME MORE."

[Pop captions up]

Leo: SO THIS IS, I THINK, ONE OF THE FIRST

COMPANIES IN THE WEB 2.0 SPACE

ANYWAY TO DO THIS.

THIS IS box.net.

I LIKE THEM AN AWFUL LOT.

Jake: WHAT IS THIS?

Leo: B-O-X DOT N-E-T.

I LIKE THEIR INTERFACE.

I THINK THEY DO A REALLY GOOD JOB.

[Pop captions down]

Leo: HOWEVER, THE
FREE VERSION, YOU ONLY GET A GIGABYTE!
WELL, THAT'S NOT VERY MUCH.
YES, JAKE'S SKEPTICAL.
AND THERE'S OTHER THINGS.
THERE'S LIKE A 10-MEGABYTE FILE
SIZE LIMIT, 10 GIGABYTES A MONTH LIMIT.
SO IT IS NICE BECAUSE YOU CAN
SHARE IT WITH FRIENDS, YOU CAN
SHARE IT PUBLICLY.
THEY HAVE THIS GREAT LITTLE WIDGET.
LET'S SEE.
CAN WE DO BETTER?
LET'S TRY idrive.com, I-D-R-I-V-E DOT COM.

[Pop captions up]

Leo: NOW, IDRIVE IS SIMILAR TO BOX NET, OFFERS A
FREE VERSION, AND THEIR FREE
VERSION OFFERS YOU TWO GIGABYTES
OF BACKUP SPACE, TWO --
SO WE'VE DOUBLED IT.

[Pop captions down]

Leo: TWO'S STILL NOT A LOT.
HOW MUCH DO YOU THINK YOU HAVE
THAT YOU'D LIKE TO BACKUP?

Jake: WELL, I ONLY HAVE AN
80-GIG INTERNAL HARD DRIVE --

Leo: NOW REMEMBER,
YOU DON'T WANT TO BACK UP WINDOWS.
YOU DON'T WANT TO BACK UP PROGRAMS.
YOU ONLY WANT TO BACK UP STUFF
YOU DON'T HAVE OTHER COPIES OF,
LIKE YOUR MOST IMPORTANT STUFF.

HOW ABOUT THIS ONE?

[Pop captions up]

Leo: THIS IS XDRIVE.

I MENTIONED IDRIVE.

THIS IS xdrive.com.

OH, NOW WE'RE GETTING A LITTLE BIT --

FIVE GIGABYTES FREE, FIVE GIGABYTES FREE.

THAT'S PRETTY GOOD, RIGHT?

[Pop captions down]

Leo: XDRIVE IS OWNED

BY AMERICA ONLINE, AND ONE OF

THE REASONS I LIKE THAT IS IT

MEANS THEY'LL BE AROUND.

YOU'RE LOOKIN' FOR SOMEBODY

THAT'S GONNA STICK AROUND FOR A

LITTLE WHILE.

MICROSOFT IS GETTING INTO THIS.

THEY OFFER SOMETHING CALLED SKYDRIVE.

[Pop captions up]

Leo: I THINK IT'S skydrive.live.com, AND

UNFORTUNATELY, THIS IS ONLY A

GIGABYTE NOW, ALTHOUGH I HEAR

RUMOURS THAT MICROSOFT MAY UP

THIS, AND THIS HAS SOME ADVANTAGES.

IF YOU'RE USING WINDOWS, IT

AUTOMATICALLY WORKS WITH WINDOWS

VERY EASILY, SO THIS IS A GOOD CHOICE.

ALL RIGHT, YOU READY?

[Pop captions down]

Leo: HERE'S MY WINNER, THOUGH.

THE ONE THAT OFFERS THE MOST

FREE STORAGE, MAYBE NOT THE

EASIEST TO USE, GOOGLE MAIL!

WHAT?

Jake: OH, YEAH.

Leo: "WHAT," YOU SAY.

"GOOGLE MAIL?"

BUT THINK ABOUT IT.

HOW MUCH --

LET'S SEE.

I HAVE --

[Pop captions up]

Leo: I GET SIX GIGABYTES NOW OF STORAGE RIGHT

NOW ON GOOGLE MAIL, AND IT'S

ALWAYS GOING UP.

YOU SEE THAT?

[Pop captions down]

Leo: THEY SHOW YOU AT

THE BOTTOM IT'S ALWAYS GOING UP.

YOU SEE, I USE IT AS A DATABASE BACKUP.

SEE, I MAIL MY WORDPRESS, THE

DATABASE, TO IT ALL THE TIME,

AND I USE IT AS STORAGE.

SO YOU CAN ALWAYS E-MAIL STUFF

TO YOURSELF.

I'M ACTUALLY USING THIS FOR

BACKUP ON MY WEBSITE, AND I HAVE

A LITTLE PROGRAM THAT'LL DO THAT AUTOMATICALLY.

SO THAT'S WHAT ALL THOSE PAPER CLIPS ARE.

THESE ARE BACKUPS, DAILY

BACKUPS, OF MY WEBSITE, AND EVEN

THOUGH I'VE BEEN DOING THIS FOR

MONTHS, I STILL AM ONLY USING 7%

OF MY TOTAL STORAGE, AND THE

TRUTH IS, BECAUSE GOOGLE'S

ALWAYS ADDING TO THE SIZE OF

STORAGE THEY OFFER FOR FREE, I
THINK YOU'LL PROBABLY NEVER FILL IT UP.
SO THAT'S ANOTHER WAY TO DO IT.
NOW, YOU'D HAVE TO E-MAIL THESE
THINGS TO YOURSELF, AND THAT'S
THE PROBLEM WITH ALL ONLINE
STUFF IS IT'S SLOW TO UPLOAD, RIGHT?

Jake: YES.

Leo: BUT --

AND THERE PROBABLY ARE LIMITS ON
HOW BIG THAT FILE CAN BE.
BUT I THINK THAT'S ANOTHER GOOD ONE.
SO PROBABLY MY TWO WINNERS ARE
AOL'S XDRIVE BECAUSE THAT GIVES
YOU FIVE GIGABYTES AND
GOOGLE MAIL BECAUSE THAT GIVES
YOU SIX GIGABYTES, BUT
GOOGLE MAIL'S NOT AS EASY TO USE.
OKAY?

Jake: YEAH, WITH THE --
WITH THE X DRIVE --

Leo: YEAH?

Jake: DOES IT HAVE LIKE
SOFTWARE THAT GOES ONTO YOUR
COMPUTER, AND THEN YOU JUST TELL
IT WHAT YOU WANT, AND IT
AUTOMATICALLY BACKS IT UP WHEN
YOU ACCESS THE INTERNET?

Leo: OH, THAT'S A GOOD QUESTION.
UH... YES.

Jake: BECAUSE I WANT
(Unclear) BECAUSE MY SISTER'S GOT A LAPTOP --

Leo: RIGHT.

Jake: AND I WANT TO BACK THAT UP BECAUSE SHE'S NOT THAT TECH-SAVVY.

Leo: VERY GOOD IDEA.

YES, AND THAT'S WHAT MOZY AND CARBONITE DO, AND, YES, XDRIVE DOES THAT AS WELL.

THEY HAVE SOFTWARE FOR WINDOWS ONLY, BUT WINDOWS XP AND VISTA, AND IT'S AUTOMATIC BACKUP, SO YES.

Jake: GOOD.

Leo: AND XDRIVE, AGAIN, BECAUSE THEY'RE OWNED BY AOL -- YOU KNOW, I ALWAYS WORRY WHEN A COMPANY GIVES AWAY SOMETHING FOR FREE. THERE WERE A LOT OF COMPANIES THAT DID THIS IN THE OLD DAYS OF THE INTERNET, AND THEY ALL WENT OUT OF BUSINESS, SO I LIKE THE IDEA THAT THEY HAVE A BUSINESS MODEL, AND I LIKE IT THAT AOL'S BEHIND THEM. I WOULD SAY PROBABLY XDRIVE WOULD BE THE CHOICE, OKAY?

Jake: GOOD, GOOD.

Leo: HEY, THANKS SO MUCH, JAKE!

Jake: THANK YOU.

Leo: YOU ARE A SMART KID. YOU TOLD THE WORLD THE MOST IMPORTANT THING ABOUT BACKUP. IF THE BACKUP ISN'T OFF-SITE, IT'S NOT A BACKUP.

[Pop captions up]

Leo: ALL RIGHT, WE'RE GONNA TAKE A BREAK AND COME BACK

IN JUST A BIT WITH RAY MAXWELL,

OUR TEACHER.

YOU KNOW, HE'S LIKE EVERYBODY'S

FAVOURITE TEACHER.

HE IS HERE.

HE'S GONNA SHOW US SOME GREAT

PHOTOSHOP TIPS, SOMETHING CALLED

"SMART OBJECTS."

I'VE NEVER HEARD OF THIS.

I'VE USED PHOTOSHOP FOR YEARS,

AND I NEVER HEARD OF IT.

WE'LL FIND OUT WHAT IT IS WHEN

"THE LAB" CONTINUES.

RAY MAXWELL COMIN' UP.

(Driving digital music)

[Pop captions down]

COMMERCIAL

(Theme music playing)

(Indiscernible)

Leo: WELCOME BACK TO "THE LAB."

LEO LAPORTE HERE.

RAY MAXWELL IS HERE.

I WAS JUST TELLING RAY HOW, HOW

MUCH I'VE LEARNED FROM HIM.

HE'S AN ELECTRONICS ENGINEER, A

COLOUR SCIENTIST, A SPEAKER, A

GLIDER PILOT, A PHOTOGRAPHER AND

A GREAT TEACHER IN ALL OF THOSE

AREAS, AND HE'S ALSO A PHOTOSHOP

WIZA-A-ARD, MANY YEARS WITH

PHOTOSHOP, AND HE --

WHAT IS THIS?

YOU WANT TO TELL US ABOUT SMART OBJECTS?

I'VE NEVER EVEN HEARD OF THAT.

WHAT IS THAT?

[Pop captions up]

Ray Maxwell: IT'S ONE OF THE MOST POWERFUL THINGS THAT PHOTOSHOP CAN DO.

I'M GONNA START OUT IN BRIDGE.

[Pop captions down]

Leo: OKAY.

Ray: AND I --

Leo: THIS BRIDGE IS KIND OF THE PHOTO BROWSER THAT COMES WITH PHOTOSHOP CS2 OR 3.

Ray: AND BY THE WAY, EVERYTHING I'M SHOWING YOU AT THIS POINT CAN BE DONE IN LIGHTROOM UP TO A POINT.

Leo: OKAY.

Ray: AND THEN YOU'VE GOTTA DO IT IN PHOTOSHOP.

Leo: OKAY.

Ray: SO I'M GONNA OPEN THIS FROM BRIDGE INTO ADOBE CAMERA RAW, ALL RIGHT?

Leo: OKAY.

Ray: AND I'VE ALREADY --

Leo: IS THERE A PLUGIN? HOW DOES THAT SHOW UP ON PHOTOSHOP?

Ray: OKAY, IT COMES WITH PHOTOSHOP AND BRIDGE, AND IN THE PREFERENCES OF THE TWO PROGRAMS, YOU CAN CHOOSE TO OPEN FILES IN ADOBE CAMERA RAW FROM EITHER BRIDGE OR PHOTOSHOP.

Leo: SO I SHOULD LOOK

IN THE PREFERENCES AND TURN THAT
ON SO THAT WHEN I OPEN FILES IN
BRIDGE OR OPEN FILES IN
LIGHTROOM, IT'LL GO --
IT'LL OPEN IT IN CAMERA RAW.

Ray: RIGHT.

Leo: OKAY.

Ray: I --

Leo: YOU LIKE CAMERA RAW.

Ray: I LIKE TO OPEN IN BRIDGE AND RUN CAMERA RAW
FROM THE BRIDGE.

Leo: OKAY.

[Pop captions up]

Ray: AND THEN WHEN I
SAY "OPEN OBJECT" IN THIS CASE --
NOW, TO MAKE IT INTO A SMART
OBJECT, WE GO DOWN HERE TO THE
VERY BOTTOM OF THE SCREEN --

[Pop captions down]

Leo: YEAH.

Ray: AND WE CLICK ON
THIS, AND YOU'LL SEE IN THE
DIALOGUE HERE -- AND I'LL JUST
BRING THIS UP -- YOU'LL SEE THAT
IT SAYS "OPEN IN PHOTOSHOP AS A
SMART OBJECT."

Leo: SO THIS WHOLE PICTURE WILL BE OPENED THAT WAY.

Ray: THAT'S RIGHT.

Leo: OKAY.

Ray: SO WE'RE GONNA --
WE'RE GONNA OPEN IT AS A SMART OBJECT.
SO WE'LL SAY "OKAY" FOR THAT,
AND WE'LL SAY "OPEN OBJECT."

NOW WE'RE MOVING THE RAW FILE
INTO PHOTOSHOP.

Leo: OKAY.

Ray: IT'S GONNA OPEN IT IN PHOTOSHOP AS A SMART OBJECT.

Leo: OKAY.

NOW HOW IS THAT DIFFERENT THAN
JUST OPENING IT AS AN IMAGE?

Ray: OKAY, HERE'S THE THING.

YOU'LL NOTICE --

I'M GONNA JUST GO IN HERE AND
ENLARGE AGAIN.

YOU'LL NOTICE OVER HERE IN THE
LAYERS WE HAVE THIS FUNNY LITTLE ICON.

Leo: YEAH, I'VE NEVER SEEN THAT BEFORE.

Ray: IF I --

THAT'S BECAUSE IT'S A SMART OBJECT.

NOTICE IT DOESN'T SAY

"BACKGROUND," WHICH IS WHERE IT
USUALLY OPENS UP.

Leo: RIGHT.

Ray: SO FIRST OF ALL,

THIS IS NOT A BACKGROUND LAYER.

IT'S A LAYER, AND IT'S A SMART OBJECT.

Leo: OKAY.

Ray: IF I CLICK ON THIS ICON HERE... IT TELLS ME

IT'S A SMART OBJECT, AND IT

TAKES ME BACK TO ADOBE CAMERA

RAW, AND I CAN READJUST.

Leo: WITHOUT LEAVING PHOTOSHOP.

Ray: WITHOUT LEAVING PHOTOSHOP, OKAY?

Leo: THAT'S SOMETHING YOU'D OFTEN WANT TO DO BECAUSE

THE TOOLS IN CAMERA RAW OR

BRIDGE OR LIGHTROOM ARE REALLY

DESIGNED TO MAKE MODIFICATIONS
TO THE WHOLE PRINT VERY SIMPLY
AND EASILY.

Ray: NOW HERE IS THE REAL MAGIC.
I CAN DO THAT AFTER I'VE DONE
FIVE, SIX, TEN OTHER ADJUSTMENTS
TO THE FILE.

Leo: AND YOU STILL CAN GO BACK?

Ray: I CAN STILL GO BACK.

Leo: OH.

Ray: NOW, LET ME WARN
YOU ABOUT ONE THING WHEN YOU
START USING SMART OBJECTS.

Leo: OKAY.

Ray: HAVE LOTS OF MEMORY IN YOUR COMPUTER.

Leo: BECAUSE YOU'RE SAVING ALL THESE PREVIOUS
VERSIONS, AND YOU HAVE TO SAVE
ALL THE ADJUSTMENTS AND STILL
WORK WITH IT.

Ray: EXACTLY.

Leo: WOW, WOW.

Ray: SO NOW --

Leo: BY THE WAY, THAT'S A GORGEOUS DUCK.

Ray: (Laughing)

Leo: THAT IS A BEAUTIFUL IMAGE.

Ray: SO LET ME GO IN
HERE, AND I'M GONNA DO SOME FUN
THINGS HERE.
I'M GONNA GO IN, AND THE FIRST
THING I'M GONNA DO IS I'M GONNA
GO IN, AND I'M GOING TO
DUPLICATE THIS LAYER.

Leo: OKAY.

Ray: AND I'M GONNA CALL THIS MY BLUR LAYER, AND WE'LL SHOW YOU WHY IN JUST A MOMENT. AND I'M GONNA CLICK "OKAY" ON THAT.

Leo: IT'S --

OH, IT'S A SMART OBJECT, TOO.

THAT'S INTERESTING.

Ray: YES!

Leo: ALL THE NEW LAYERS YOU CREATE WILL BE AUTOMATICALLY SMART OBJECTS?

Ray: BECAUSE --

YES, BECAUSE THE FIRST LAYER THAT I COPIED WAS A SMART OBJECT, THIS IS A SMART OBJECT.

Leo: MM-HMM.

Ray: AND NOTICE AGAIN THE FUNNY LITTLE ICON.

Leo: YEAH.

Ray: ALL RIGHT?

NOW I'M GONNA GO UP HERE TO THE FILTERS, AND I'M GOING TO GO INTO "BLUR," AND I'M GONNA GO TO "GAUSSIAN BLUR," OKAY?

CLICK THAT, AND NOW I CAN SET A BLUR LEVEL.

Leo: OKAY.

Ray: AND NOW I'M GONNA CLICK "OKAY," AND I'M GONNA SHOW YOU ONE OF MY CAREFULLY GUARDED SECRETS.

Leo: (Chuckling)

Ray: SO DON'T, DON'T TELL ANYBODY.

Leo: DON'T TELL ANYBODY.

THIS IS JUST BETWEEN YOU AND ME, RAY.

Ray: YEAH, THIS IS BETWEEN YOU AND I.

Leo: OKAY, CLOSE YOUR EYES, EVERYBODY.

Ray: THAT'S RIGHT.

I'M GONNA GO UP HERE TO THE OPACITY LAYER, AND REMEMBER I'VE SELECTED THE BLUR LAYER.

Leo: RIGHT.

Ray: AND I'M GONNA SAY "DARKEN." LOOK AT THE EFFECT.

Leo: OOH, THAT'S A NEAT EFFECT.

Ray: OKAY?

Leo: OH, THAT'S A --

NOW, THAT'S BOTH LAYERS TOGETHER WITH THE --

Ray: RIGHT.

THAT'S LOOKING THROUGH THE BLUR LAYER WITH DARKEN AT THE BOTTOM LAYER.

Leo: THAT'S A REALLY NICE EFFECT!

Ray: ISN'T THAT A --

Leo: IT ALMOST LOOKS LIKE A PAINTING.

Ray: YEAH, IT GIVES YOU A BIT OF AN ARTSY BASE.

Leo: YEAH, I LIKE THAT.

Ray: ALL RIGHT, NOW

I'M GOING TO SELECT THE MAIN LAYER, THE STILL SHARP, ALL RIGHT?

AND WE'RE GONNA HAVE TO ZOOM BACK OUT SO I CAN SEE THE MENUS.

AND I'M GONNA GO IN, AND I'M GONNA APPLY AN ARTISTIC FILTER TO THAT CALLED "WATERCOLOUR."

Leo: SO YOU HAVE A

GAUSSIAN BLUR ON THE TOP LAYER --

Ray: RIGHT.

Leo: AND IT'S DARKENED.

Ray: RIGHT.

Leo: AND NOW ON THE BOTTOM LAYER --

Ray: ON THE BOTTOM LAYER --

Leo: YOU APPLY THE WATERCOLOUR FILTER.

Ray: RIGHT.

I'M GONNA APPLY THE WATERCOLOUR
FILTER, WHICH DOES A THING LIKE THIS.

Leo: THAT'S BEAUTIFUL AGAIN.

THAT'S REALLY NEAT.

Ray: SO NOW THEN I

CAN ADJUST THE LEVELS AND THINGS

ON THAT, BUT I'M GONNA SAY

"OKAY," AND NOW IT'S COMBINING

THOSE TWO.

Leo: WOW, IS THAT BEAUTIFUL!

Ray: OKAY?

Leo: WOW!

Ray: NOW I'M GONNA ZOOM IN HERE A LITTLE BIT.

WHAT IS MAGIC ABOUT SMART

OBJECTS IS REMEMBER THE GAUSSIAN

BLUR I DID?

Leo: YEAH.

Ray: NOW NORMALLY YOU

DO THAT GAUSSIAN BLUR, YOU MOVE

ON TO THE NEXT LAYER, YOU DO SOMETHING --

Leo: RIGHT.

Ray: YOU CAN'T GO BACK.

Leo: NO, YOU CAN'T

MAKE ADJUSTMENTS TO THE BLURRED

LAYER, YEAH.

Ray: I'M GONNA DOUBLE-CLICK ON "GAUSSIAN LAYER."

Leo: BUT IT'S SMART.

Ray: I CAN GO BACK TO

THE GAUSSIAN BLUR, AND NOW I'M
GONNA TURN IT DOWN AND LOOK AT
THE EFFECT.

Leo: MM-HMM.

Ray: I'M GONNA TURN IT UP.

Leo: MM-HMM.

Ray: OKAY?

I STILL CAN PLAY WITH THAT EFFECT --

Leo: EVEN AFTER YOU DID THE DARKEN.

Ray: AFTER I'VE GOT ALL THE THINGS SANDWICHED TOGETHER.

Leo: WOW.

Ray: I CAN EVEN NOW --

Leo: AND THAT'S BECAUSE THAT'S A SMART OBJECT.

Ray: RIGHT.

I CAN EVEN GO BACK TO THAT BASE
LAYER, ALL RIGHT, CLICK IT AGAIN
IN THAT LITTLE CORNER, AND I'M
BACK IN ADOBE CAMERA RAW, WHERE
IF I WANTED TO CHANGE THE COLOUR
TEMPERATURE OF THE PICTURE --

Leo: WOW, YOU STILL CAN DO THAT.

Ray: I CAN SAY "OKAY," AND IT'LL GO BACK AND
PREPARE IN SMART OBJECT, AND
IT'LL REFILTER, REDO EVERYTHING
AND BRING THAT INTO THE ENTIRE SANDWICH.

Leo: BOY, I CAN SEE HOW YOU'D SPEND HOURS PLAYING
WITH THIS BECAUSE IT'S REALLY, REALLY NEAT.
WHAT A GREAT EFFECT.

Ray: YEAH.

Leo: SO IT SOUNDS LIKE YOU'D ALMOST ALWAYS WANT TO
USE SMART OBJECTS IF YOU COULD.

Ray: AS LONG AS YOU
HAVE THE MEMORY BECAUSE NOW YOU

CAN GO BACK AND TWEAK THE FIRST
THING YOU DID AND SEE WHAT THE
OVERALL EFFECT IS.

Leo: RIGHT.

Ray: IT'S JUST A WONDERFUL TOOL.
ON TOP OF THAT, LET ME SHOW YOU
ONE OTHER LITTLE FEATURE WITH
THE GAUSSIAN BLUR.

I CAN CLICK OVER HERE ON THESE
LITTLE CONTROLS, AND, YOU KNOW,
I SET IT TO "DARKEN."

I CAN CHANGE IT, BUT I CAN ALSO
APPLY THE OPACITY.

Leo: AH, SO HOW MUCH
IT WILL AFFECT THE UNDERLYING LAYER.

Ray: HOW MUCH IT WILL
AFFECT THE LAYER.

AND I CAN DO THAT AFTER THE FACT.

Leo: OH, THAT'S AMAZING.

SMART OBJECTS, IT'S --

IT IS A SECRET WEAPON!

IT IS PROBABLY ONE OF THE MOST
USEFUL TIPS.

WE'VE GOT A LINK IN THE SHOW

NOTES TO russellbrown.com --

Ray: YES.

Leo: WHERE HE'S GOT A
LOT MORE ABOUT THIS.

[Pop captions up]

Leo: RUSSELL BROWN'S
KIND OF THE KING OF THIS KIND OF STUFF.
HE KNOWS HIS STUFF, AND SO DOES RAY.

Ray: (Chuckling)

Leo: YOU CAN GO TO HIS WEBSITE,
maxwellmultimedia.com, TO SEE
HIS WORK AND HIS ART AND ALL OF
THAT STUFF, AND, OF COURSE, RAY
JOINS US REGULARLY ON THE SHOW.
THANK YOU SO MUCH!

[Pop captions down]

Leo: THAT'S COOL.
I CANNOT WAIT TO GET HOME AND
TRY THAT!

Ray: (Laughing)

Leo: I HAD NO IDEA THAT WAS THERE!

Ray: THERE YOU GO.

Leo: ALL RIGHT, NOW LET'S SEE.
THIS IS UNRETOUCHED, A CLOSE-UP
PHOTO OF SOMETHING YOU MIGHT SEE
AROUND THE LAB.

WHAT COULD THAT BE?

WHAT COULD THAT BE?

I DON'T KNOW.

I'LL TELL YOU WHAT.

SEAN CARRUTHERS TOOK IT.

HE'LL EXPLAIN WHAT IT IS WHEN WE

ZOOM OUT AND FIND OUT AS

"THE LAB" CONTINUES.

YOU STAY RIGHT HERE.

(Funky digital music)

COMMERCIAL

(Funky digital music)

Leo: WELCOME BACK TO "THE LAB!"

THERE IT IS, A CLOSE-UP PICTURE

OF A GRILL OF SOME KIND.

I DON'T KNOW WHAT THAT IS.

[Pop captions up]

Leo: LET'S ZOOM OUT.

AH, IT'S A JAWBONE.

I SHOULD'VE KNOWN THAT WAS A JAWBONE.

SEAN SAYS, BY THE WAY -- HE'S

MADE A LIAR OF ME -- HE DOES, IN

FACT, RETOUCH THESE PHOTOS.

[Pop captions down]

Leo: IN THIS CASE, HE

RETOUCHES THEM TO REMOVE THE DUST --

(Camera shutter clicks)

Leo: BECAUSE IT'S EASIER --

WHEN SOMETHING'S THAT SMALL, IT

GETS MORE DUST.

AS YOU ZOOM IN LIKE THAT, YOU

SEE A LOT OF DUST.

Sean: YES.

Leo: SO YOU JUST DO A LITTLE --

Sean: WAY EASIER TO REMOVE IT THAT WAY.

Leo: (Chuckling)

EASIER TO, EASIER TO USE

PHOTOSHOP THAN TO ACTUALLY DUST.

THAT'S WHAT I'VE LEARNED, YES.

THANK YOU, SEAN.

GREAT PICTURE.

I LOVE THAT.

AND, BY THE WAY, A GREAT

BLUETOOTH HEADSET, TOO.

THOSE ARE REALLY COOL.

THOSE WORK REALLY WELL.

HEY, LET'S GET ANOTHER CALLER,

KATE ABRAHAM.

I SEE A SOMEBODY.

Kate: THIS IS CORY FROM WINNIPEG IN MANITOBA.

Leo: CORY'S DOING THE --

Kate: DOING FUNKY LITTLE MOVES.

Leo: THE MYSPACE ANGLES THERE.

Kate: (Chuckles)

Leo: HEY, CORY!

Cory: HEY, LEO!

Leo: IS THAT YOUR MYSPACE PICTURE THERE?

Cory: (Chuckling)

YEAH, THAT'S RIGHT.

Leo: I'M JUST TEASING YOU.

Cory: ALL THAT HAIR IS GONE
NOW, THOUGH.

Leo: (Laughing)

WHAT CAN I --

ACTUALLY, YEAH, YOU KNOW,
JANUARY 30th WAS "DELETE MY
MYSPACE DAY."

I DON'T KNOW.

I THINK A LOT OF PEOPLE DELETED
THEIR MYSPACE AT THAT POINT.

THAT WAS A FACEBOOK GROUP NATURALLY.

WHAT CAN I DO --

WHAT CAN I DO FOR YOU, CORY?

Cory: I'M HAVING A PROBLEM
WITH MY POWERBOOK G4.

Leo: OKAY.

Cory: I'VE GOT IT NOW TO TURN ON.
BEFORE I COULDN'T, WHEN I E-MAILED YOU.

Leo: MM-HMM.

Cory: BUT NOW, WHENEVER I
OPEN FIREFOX OR SAFARI, IT
STARTS MAKING A CLICKING SOUND --

Leo: EWW!

Cory: AND IT SOUNDS LIKE IT'S
COMING WITHIN THE COMPUTER ITSELF.

Leo: BUT ONLY, ONLY THE BROWSERS?
NOTHING ELSE DOES IT?
IT DOESN'T DO IT ANY OTHER TIME?

Cory: WELL, SOMETIMES IT
WORKS WHEN I GO INTO THE BROWSER.
IT DOESN'T DO IT ANY OTHER TIME,
AND THEN IF I HAVE THE BROWSER
RUNNING, IF I TRY TO DOWNLOAD
SOMETHING, IT STARTS --
IT STARTS THE CLICKING SOUND AS WELL.

Leo: SO THAT'S INTERESTING.
SO IF YOU NEVER OPENED FIREFOX
OR SAFARI, YOU WOULDN'T HEAR THIS SOUND?

Cory: NOT UNLESS I WAS
DOWNLOADING SOMETHING.

Leo: SO IT SOUND --
OKAY, SO WHAT IT SOUNDS LIKE IS
THERE IS SOME INTERFERENCE COMING FROM --
ARE YOU USING A MODEM OR THE
ETHERNET JACK FOR THE --

Cory: ETHERNET JACK.

Leo: ETHERNET.
IT SOUNDS LIKE --
AND THIS IS WEIRD.
I'VE NEVER HEARD OF THIS
HAPPENING BEFORE, BUT IT SOUNDS
LIKE YOU'RE GETTING SOME
INTERFERENCE, SOME NOISE, COMING
OUT OF THE ETHERNET JACK, AND
IT'S GETTING INTO --

EITHER GETTING INTO THE SPEAKERS
DIRECTLY, WHICH CAN HAPPEN, OR
IT'S GETTING INTO THE SOUND
CHIP, BUT I THINK MORE LIKELY
GETTING INTO THE SPEAKERS DIRECTLY.

IS IT --

DOES IT SOUND LIKE STATIC?

Cory: LIKE MY ENTIRE COMPUTER
FREEZES UP, AND I CAN'T DO ANYTHING WITH IT.

Leo: OH, OH, OKAY.

SO WE HAVE ANOTHER SYMPTOM.

(Chuckling)

Cory: YEAH.

Leo: OKAY.

UM... ALL RIGHT, WELL, THIS
COULD BE A NUMBER OF THINGS.

SOMETIMES WHEN A PROGRAM
CRASHES, IT SPEWS --

IT SPEWS BITS, IN EFFECT, AND
THOSE BITS SOMETIMES CAN GET
INTO THE AREA WHERE THE
SOUND CARD USES TEMPORARY
STORAGE, SO --

AND THE SOUND CARD THEN PLAYS
THAT DATA BACK AS IF IT'S SOUND,
WHICH WOULD SOUND LIKE --

(Imitates crackling sound)

IT WOULD SOUND LIKE CRACKLING
AND NOISE.

[Pop captions up]

Leo: SO IT SOUNDS LIKE NOW --
I DIDN'T KNOW YOU WERE GETTING A CRASH.
SO YOU HEAR --

SO YOU'LL OPEN FIREFOX OR
SAFARI, YOU'LL HEAR SOME
CRACKLING, AND THEN IT WILL CRASH.

DOES IT CRASH EVERY TIME?

Cory: IT ALMOST SOUNDS LIKE
YOU'RE DROPPING LIKE A MARBLE
ONTO A HARD SURFACE.

[Pop captions down]

Leo: YEAH, YEAH-YEAH, YEAH-YEAH.

IT'S NOT REGULAR, THOUGH?

IT'S KIND OF RANDOM TICS, RIGHT?

Cory: YEAH.

Leo: YEAH.

AND DOES A CRASH ALWAYS FOLLOW?

Cory: YEAH.

Leo: YEAH.

YEAH, SOMETHING, SOMETHING IS
CRASHING, AND THE SOUND IS A
SOUND EFFECT, IS A SIDE EFFECT
OF THE CRASHING.

YOU WOULDN'T THINK A COMPUTER
CRASH WOULD MAKE A CRASHING
SOUND, BUT, IN FACT, I'VE HEARD
THIS HAPPEN.

AGAIN, IT'S SPEWING DATA INTO A
SOUND BUFFER.

UM... ALMOST CERTAINLY IT IS --

BECAUSE IT HAPPENS IN BOTH
SAFARI AND FIREFOX, IT'S NOT THE
BROWSER SOFTWARE.

IT'S LOWER LEVEL THAN THAT.

IT'S ALMOST CERTAINLY THE
NETWORKING SOFTWARE.

SO MY STRONG SUGGESTION WOULD BE
TO TRY REINSTALLING OS X.
YOU KNOW, IF YOU'VE GOT THE
ORIGINAL INSTALL DISK THAT CAME
WITH THAT COMPUTER, OR YOU WANT
TO PUT LEOPARD ON IT OR A NEW
VERSION OF OS X --

Cory: YEAH, I WAS THINKING
ABOUT GETTING A MACBOOK AIR
BECAUSE THIS THING'S PRETTY OLD.

Leo: (Chuckling)
YEAH, IT COULD JUST BE OLD, BUT
I THINK THAT REINSTALLING OS X
WOULD FIX IT.

Cory: OKAY.

Leo: IT SOUNDS TO ME, MY GUESS --
I MEAN, AS YOU KNOW, I'M TOTALLY GUESSING.
I CAN'T REACH OUT INTO THE TV
AND DIAGNOSE IT.
I'M NOT THAT GOOD YET.
I'M WORKIN' ON IT.

Cory: (Chuckling)

Leo: I MEAN IT COULD BE A --
IT COULD BE A HARDWARE PROBLEM,
BUT I THINK IT'S MUCH MORE
LIKELY A CRASHING DRIVER, AND
THAT SOUND YOU'RE HEARING IS THE
SOUND OF THE DRIVER CRASHING,
SINCE IT ALWAYS MAKES THAT SOUND
AND CRASHES, RIGHT?
IT NEVER MAKES A SOUND WITHOUT CRASHING.

Cory: NO, IT ALWAYS CRASHES.

Leo: YEAH, THEY GO TOGETHER.

YEAH, I'M ALMOST CERTAIN IT IS.
THE FIRST THING I WOULD DO IS
REINSTALL OS X.

I BET YOU THAT'LL FIX IT.

Cory: OKAY.

Leo: OKAY?

YOU WANT AN EXCUSE TO BUY A NEW COMPUTER?

Cory: YEAH, I WANT AN EXCUSE --

Leo: THAT THING IS SHOT!

IT'S --

FORGET IT!

IT'S HISTORY!

IT'LL NEVER WORK AGAIN!

YOU SHOULD THROW IT OUT THE WINDOW!

IT'S OVER!

IT'S HISTORY!

THAT THING IS SO OLD, CORY!

WHY WOULD YOU EVEN WANT TO TRY
TO GET IT WORKING?

Cory: THAT'S WHAT I WANTED TO HEAR!

Leo: (Chuckling)

I'M SORRY!

I WASN'T THINKING!

YOU GAVE ME THE HINT WHEN YOU
SAID "MACBOOK AIR."

Cory: (Chuckling)

Leo: YEAH, I MEAN I

THINK YOU COULD FIX IT, BUT IT IS --

LET'S FACE IT.

IT IS SLOW.

I'LL TELL YOU WHAT.

A MACBOOK AIR WOULD BE MUCH FASTER.

IT'S PROBABLY TIME TO MOVE TO

INTEL ANYWAY.

I DECIDED I DIDN'T WANT A
MACBOOK AIR BECAUSE I'M AFRAID
I'M GONNA SNAP IT OVER MY KNEE
AT SOME POINT.

IT'S SO THIN.

SO I JUST --

Cory: (Unclear) COMPUTER IN
SCHOOL AND EVERYTHING, SO --

Leo: YEAH, I SAVED A
COUPLE OF HUNDRED BUCKS.

I GOT A... JUST A PLAIN OLD MACBOOK.

IT'S FASTER THAN THE AIR.

IT'S GOT A DVD DRIVE IN IT, WHICH I LIKE.

IT'S A LITTLE THICKER AND
HEAVIER, BIG DEAL.

I ACTUALLY LIKE IT BETTER THAN
THE AIR, BUT IF YOU WANT AN AIR,
GO FOR IT.

GO FOR IT, CORY.

YEAH, NO, THAT COMPUTER, IT'S HISTORY.

IT'LL NEVER WORK AGAIN.

Cory: (Chuckling)

ALL RIGHT, THANKS.

Leo: THANKS FOR THE CALL, CORY.

I APPRECIATE IT.

Cory: YEAH.

Leo: USUALLY I'M PRETTY SENSITIVE TO THAT.

I CAN KIND OF TELL THE PERSON
DOESN'T REALLY WANT IT FIXED;
THEY JUST WANT PERMISSION TO GET
A NEW ONE.

I MISSED THAT ONE.

I SHOULD'VE PAID MORE ATTENTION.

[Pop captions up]

Leo: MORE OF YOUR

CALLS COMIN' UP IN JUST A LITTLE
BIT, SEAN CARRUTHERS, TOO, WITH
THE FUTURE OF TELEVISIONS, A
TELEVISION IN YOUR FUTURE.

LET'S TAKE A QUIZ QUESTION RIGHT NOW.

WHEN WERE THE WEBBY AWARDS FIRST
GIVEN TO HONOUR WEBSITES?

I MEAN HOW OLD IS THIS THING?

IS IT '95, '97, '99 OR THE YEAR 2000?

I DUNNO!

TELL YOU WHAT.

THINK ABOUT IT.

WE'LL TELL YOU A LITTLE LATER ON
AS "THE LAB" CONTINUES.

(Funky digital music)

[Pop captions down]

COMMERCIAL

(Theme music playing)

Kate: (Laughing)

HELLO, WELCOME BACK TO

"THE LAB WITH LEO."

I'M KATE ABRAHAM, AND MY TIP OF
THE DAY IS FOR ALL YOU BUDDING
COOKS OUT THERE, AND IF YOU LOVE
USING STUFF IN THE KITCHEN, YOU
LOVE COOKING NEW CREATIONS, BUT
YOU'RE NOT QUITE SURE OF THE
DIFFERENT INGREDIENTS TO
INCLUDE, rouxbe.com IS THE
WEBSITE FOR YOU.

[Pop captions up]

Kate: IT'S A GORGEOUS WEBSITE, AND ALL YOU NEED TO DO IS ONCE YOU LOG IN, YOU HAVE A 30-DAY FREE TRIAL WHERE YOU CAN SELECT WHICH CATEGORIES OF FOOD YOU WANT TO COOK. SO, FOR INSTANCE, I'M INTO BREAKFASTS, AND IF I WANTED NOW TO COOK THIS LOVELY-LOOKING OMELETTE-STYLE THING HERE, WHAT YOU DO IS YOU CLICK THROUGH, AND, AS YOU CAN SEE --

[Pop captions down]

Woman's voice: "SLICE THE MUSHROOMS --"

Kate: IT'S A SIMPLE, EASY INTERACTIVE VIDEO, AND IT'S SO -- IT'S A BEAUTIFUL SITE, VERY SIMPLE, VERY EASY BUT INCREDIBLY TECHNICAL, AND IT BASICALLY TALKS YOU THROUGH EVERYTHING, AND THE GREAT THING IS AS WELL IS IT HAS ALL THE MENUS, IT HAS THE RECIPES, YOU CAN EVEN LEAVE COMMENTS --

Woman's voice: "TOSS THE POTATOES --"

Kate: AND THEY'RE VANCOUVER-BASED.

Leo: I LOVE THE NAME.

[Pop captions up]

Kate: YES, SO WHAT IT IS, IT'S ROUXBE, WHICH IS R-O-U-X-B-E --

Leo: AND THAT'S KIND OF A TEST. IF YOU'RE A COOK, YOU'LL KNOW HOW TO SPELL THAT.

[Pop captions down]

Kate: EXACTLY, EXACTLY.

Leo: BUT IF YOU'RE NOT A COOK, YOU'LL SAY --

Kate: YOU'LL END UP SOMEWHERE COMPLETELY DIFFERENT.

Leo: "WHAT?"

Kate: AND THE THING

IS THAT WITH THE SUBSCRIPTIONS,

ONE THING I WANTED TO SAY IS

THAT YOU HAVE A 30-DAY FREE

TRIAL, WHICH IS GREAT --

Leo: MM-HMM, MM-HMM.

Kate: AND THEN AFTER

THE 30 DAYS, YOU HAVE TWO OPTIONS.

YOU EITHER DO A LIFELONG

MEMBERSHIP, WHICH IS \$200, OR

\$100 FOR THE YEAR, OR YOU CAN BE

SPONSORED BY AN ADVERTISER ON

THE SITE --

Leo: OH!

Kate: GET FREE ACCESS, BUT YOU'LL GET SMALL

LITTLE POPUPS EVERY SO OFTEN.

Leo: I WOULD DO THAT.

Kate: BUT THEY'RE NOT

INTRUSIVE APPARENTLY.

Leo: I WOULD DO THAT.

Kate: OR USE YOUR 30-DAY TRIAL AND GO CRAZY.

Leo: LEARN EVERYTHING.

Kate: LOOK AT EVERYTHING AND THEN DON'T WORRY

ABOUT IT.

Leo: THE FIRST THING

TO LEARN IS HOW TO MAKE A "ROUX."

Kate: A "ROUX."

Leo: R-O-U-X, "ROUX."

Kate: A "ROUX."

Leo: DO YOU KNOW WHAT A "ROUX" IS?

Kate: ISN'T THAT KIND OF LIKE A SWISS ROLL THING,
ISN'T IT?

Leo: (Laughing)

NO.

Kate: IS THAT NOT A "ROUX?"

Leo: IT'S A --

YOU MELT THE BUTTER, AND YOU MIX

IN A LITTLE FLOUR.

IT'S THE BASE FOR MANY, MANY

CREAM SAUCES.

Kate: WHAT AM I --

I'M THINKING OF A

"ROULADE," AREN'T I?

Leo: I DON'T KNOW WHAT YOU'RE THINKING OF.

Kate: WHO KNOWS?

Leo: WHO KNOWS?

BUDDING COOKS, THAT'S A SMALL

TOWN IN DORSET, RIGHT, BUDDING COOKS?

Kate: (Laughing)

Leo: BUDDING COOKS ON THE RIVER?

(Both talking at once)

Kate: I'M FROM THE EAST.

(Both laughing)

Leo: WHO'S OUR NEXT CALLER?

Kate: OKAY, WE ARE

GOING TO DAYLESFORD, VICTORIA,

AND WE HAVE NEAL.

Leo: ALL RIGHT!

HELLO, NEAL!

Neal: HI, LEO.

HOW ARE YOU?

Leo: I'M WONDERFUL.

THANK YOU SO MUCH FOR CALLING.

Neal: IT'S A PLEASURE.

Leo: WHAT CAN I DO FOR YOU, SIR?

[Pop captions up]

Neal: LEO, WE ARE HOPING TO
MOVE TO THE UNITED STATES FROM
AUSTRALIA THIS YEAR, AND WE'RE
WONDERING WHAT TO DO WITH OUR
COMPUTERS, WHICH ALL RUN ON 240 VOLTS.

Leo: THAT'S A VERY GOOD QUESTION, NEAL.
WHY ARE YOU COMING TO THE U.S.?

Neal: (Chuckles)

WORK.

I'M HOPING TO WORK, TO GET A JOB.

Leo: IN THE TECH INDUSTRY?

[Pop captions down]

Neal: NO, NOT IN THE TECH INDUSTRY.
I'M A PRIEST.

Leo: OH, INTERESTING!

WELL, WE HAVE SOME CHURCHES IN
THE U.S., I BELIEVE.

Neal: YEAH, ONE OR TWO.

Leo: (Laughing)

WELL, WE WILL WELCOME YOU WITH
OPEN ARMS, NEAL, AND HERE'S THE GOOD NEWS.
MOST COMPUTER STUFF IS MADE TO
OPERATE AT EITHER 110 OR 220.

Neal: EXCELLENT!

Leo: IT'S USUALLY --
NOW, ON A DESKTOP, YOU SHOULD
LOOK ON THE BACK.
THERE'S USUALLY A SWITCH ON THE
POWER SUPPLY, AND YOU CAN JUST

SWITCH IT.

ON LAPTOPS, AND, IN FACT, ON
MANY TECHNOLOGY STUFF, LOOK AT --
CAN YOU GIVE ME --

THROW ME THAT POWER BRICK HERE.

IF YOU LOOK ON --

THE THING TO LOOK AT IS ON THE
POWER BRICK RIGHT HERE, AND
IT'LL TELL YOU WHAT VOLTAGE IT
CAN HANDLE, AND THIS IS VERY,
VERY COMMON.

IN FACT, RIGHT ON THIS ONE, IT
SAYS, "INPUT 110 TO 240V," SO IT
WILL HANDLE THIS, AND IT ALSO
SAYS, "40 TO 63 HERTZ."

I DON'T THINK GENERALLY YOU HAVE
TO WORRY ABOUT THAT.

60 HERTZ IS KIND OF THE DEFAULT
IN THE U.S., AND I SUSPECT IT'S
THE SAME IN AUSTRALIA.

BUT THE VOLTAGE DOES DIFFER, OF
COURSE, AROUND THE WORLD.

MOST OF THESE POWER SUPPLIES CAN
HANDLE EITHER, SO YOUR LAPTOP
WILL BE FINE.

YOUR DESKTOP CHECK.

SEE IF IT'S GOT A POWER SUPPLY
THAT CAN SWITCH TO 110 ON THE
BACK OF IT.

NOW, IF IT CAN'T --

YEAH, HERE, ACTUALLY WE HAVE ONE
WITH A SWITCH ON IT RIGHT HERE.

THIS IS REALLY COMMON.

SEAN'S GONNA SHOW YOU.

YOU CAN JUST USE A LITTLE SCREWDRIVER.

IF YOU CAN ZOOM IN THERE AND GET
A SHOT OF THAT...

Sean: YEAH, SO

THERE'S A SWITCH GENERALLY RIGHT
UNDERNEATH HERE, AND YOU CAN
JUST FLIP IT OVER.

Leo: ONE OR THE OTHER.

MOST POWER SUPPLIES WILL DO THAT.

Sean: SO NOW IT'S 230.

Leo: WORST CASE SCENARIO, IF YOU DIDN'T HAVE A
SWITCH, YOU COULD GET A NEW
POWER SUPPLY.

THEY'RE NOT VERY EXPENSIVE.

THEY'RE PRETTY EASY TO PUT IN.

I KNOW YOU KNOW THIS, BUT I'M
JUST GONNA SAY THIS, THAT, YOU
KNOW, OF COURSE, THE PLUG PRONGS
WILL DIFFER.

THAT'S THE NORTH AMERICAN PLUG
PRONG, AND IT, OF COURSE, IS
DIFFERENT THAN THE AUSTRALIAN
PLUG PRONG.

YOU KNOW, YOU WILL HAVE TO GET
AN ADAPTER FOR THAT, BUT MAKE
SURE THAT YOU, IF YOU'RE GONNA
USE, YOU KNOW, THAT YOU GET AN
ADAPTER, THAT THE THING YOU'RE
PLUGGING IN ALSO SUPPORTS THE
LOWER VOLTAGE.

IT'S NOT SUCH A BIG DEAL COMING
HERE BECAUSE IT JUST WON'T WORK

VERY WELL, BUT GOING TO AUSTRALIA, OF COURSE, I'D FRY ANYTHING THAT I USED. SO GET THE ADAPTER. IF YOU DON'T HAVE A DEVICE THAT SAYS IT CAN HANDLE 110, THEN YOU'LL NEED TO GET A TRANSFORMER TO STEP DOWN THE VOLTAGE FROM 240 TO 110, BUT ALMOST EVERYTHING WILL. IT'S THINGS LIKE HAIR DRYERS DON'T. YOU KNOW, IT'S, YOU KNOW, APPLIANCES, BUT MOST ELECTRONICS -- AND YOU CAN ALWAYS -- IT'LL ALWAYS SAY IT WILL SUPPORT THE LOWER VOLTAGE. YOU SHOULDN'T HAVE TOO MUCH TROUBLE, NEAL.

Neal: THANK YOU.

Leo: THAT'S GREAT!

SO DO YOU HAVE TO -- DO YOU HAVE TO APPLY TO THE DIOCESE? I MEAN HOW DO YOU -- HOW DO YOU GET A JOB AS A PRIEST?

Neal: (Chuckles)

YOU --

IN THE STATES, MOSTLY YOU APPLY TO PARISHES DIRECTLY.

Leo: OH, INTERESTING.

Neal: AND SOMETIMES TO DIOCESE.

Leo: OH, INTERESTING.

WELL, GOOD LUCK!

DO YOU KNOW WHERE YOU'LL BE?

DO YOU HAVE ANY IDEA WHERE
YOU'LL END UP?

Neal: (Chuckles)

HOPEFULLY SOMEWHERE ON THE EASTERN STATES.

Leo: OKAY.

STAY WHERE IT'S WARM, THOUGH, MY ADVICE TO YOU.

Neal: (Laughing)

Leo: IT CAN GET COLD UP IN NEW ENGLAND.

Neal: I LIKE THE COLD.

Leo: (Laughing)

HEY, IT'S GREAT TO TALK TO YOU, NEAL.

ALL THE BEST ON YOUR TRAVELS.

(Lively digital music)

Leo: GOOD LUCK ON

YOUR REPOSITIONING, AND I THINK

YOU'LL BE FINE WITH YOUR

ELECTRONICS, OKAY?

Neal: THANK YOU.

Leo: THANK YOU.

TAKE CARE.

[Pop captions up]

Leo: MORE OF YOUR CALLS --

I LOVE, I LOVE TALKIN' TO OUR

VIEWERS ALL OVER THE WORLD!

I THINK IT'S SO COOL!

MORE OF YOUR CALLS -- LET'S TALK

TO MORE OF YOU RIGHT AFTER THIS.

STAY RIGHT HERE.

[MUSIC]

[Pop captions down]

COMMERCIAL

(Theme music playing)

Leo: OH, HI!

(Laughing)

YOU SNUCK UP ON ME.

WELCOME BACK TO THE --

(Laughing)

Kate: (Chuckling)

Leo: OH, WE'RE ON!

WELCOME BACK TO "THE LAB."

KATE ABRAHAM, WHAT CAN WE --

WHO CAN WE HELP NEXT?

Kate: OUR LAST CALLER

IS MATT FROM BRISBANE IN QUEENSLAND.

Leo: WE'VE HAD SOME

AUSTRALIANS THIS TIME.

Kate: HAVEN'T WE?

Leo: THAT'S GREAT.

HELLO, MATT.

HOW ARE YOU?

[Pop captions up]

Matt: HI, LEO.

HOW ARE YOU?

I'M NOT TOO BAD.

Leo: I'M WONDERFUL, COULDN'T BE BETTER.

HOW'S THE WEATHER RIGHT NOW IN BRISBANE?

Matt: PARDON? SORRY?

Leo: HOW'S THE WEATHER RIGHT NOW IN BRISBANE?

Matt: OH, UM, VERY WET.

(Laughing)

Leo: (Laughing)

HEY, AT LEAST IT'S NOT COLD.

IT'S FREEZING HERE, AND WE'VE

GOT SLUSH ON THE GROUND.

Matt: OH, NOT GOOD, NOT GOOD AT ALL.

Leo: I'M NOT COMPLAININ'.

WHAT CAN I DO FOR YOU, MATT?

(Hands rubbing together)

Matt: OH, I'M HAVING A BIT OF
A SOUND PROBLEM.

SORRY, LEO.

Leo: HOW CAN I HELP YOU?

(Laughing)

Matt: OH, OKAY, THAT TIME I HEARD YOU.

Leo: THERE YOU GO, YEAH.

Matt: I JUST GOT A BIT OF A
HABIT FROM USING XP AND
EVERYTHING FOR QUITE A FEW YEARS.
I ONLY JUST SWITCHED BACK TO MAC
ABOUT THE START OF '07.

Leo: OKAY.

Matt: WOULD YOU HAPPEN TO
KNOW ANY WAY OF ALIGNING YOUR
ICONS TO THE LEFT WITHOUT
UNSNAPPING THEM FROM THE GRID AND --

Leo: OH, YEAH.

[Pop captions down]

Leo: FOR SOME REASON,
AND THIS IS ALWAYS THE WINDOWS
CALLERS WHO ASK THIS, YOU KNOW,
ON WINDOWS, OF COURSE, THE ICONS
BY DEFAULT WILL KIND OF GO ON
THE LEFT, AND ON THE MAC,
PROBABLY JUST TO BE DIFFERENT,
ICONS GO ON THE RIGHT.

Matt: YEAH, I READ SOMETHING
ABOUT A, LIKE A -- WHAT DO YOU
CALL IT -- A SURVEY OR SOMETHING
THAT SAID MOST USERS ARE

RIGHT-HANDED, SO THEY PUT THEM
ON THE RIGHT OR SOMETHING LIKE THAT.

Leo: WELL, I'M A LEFTY.

EXCUSE ME.

I SHOULD BE ABLE TO PUT THEM
ANYWHERE I WANT, RIGHT?

Matt: (Laughing)

[Pop captions up]

Leo: APPLE'S NOT NOTORIOUS FOR BEING AMENABLE TO
THAT KIND OF LOGIC, AND
UNFORTUNATELY, THEY GENERALLY
DON'T PROVIDE A LOT OF DIFFERENT
CUSTOMIZATION FEATURES.

THIS IS THE MOST YOU CAN DO.

HERE'S THE FINDER IN THE
MACINTOSH, AND I'VE GONE TO
"VIEW," "VIEW OPTIONS."

[Pop captions down]

Leo: I'M SHOWING THE
"VIEW OPTIONS," AND YOU'VE
ALREADY LOOKED AT THIS.
YOU CAN HAVE THE ICON GRID SPACING.
YOU KNOW, YOU CAN SEE DIFFERENT
SPACING AND SO FORTH.

YOU CAN SAY WHERE THE LABEL IS,
YOU CAN SAY HOW BIG THE TEXT IS,
AND THEN BASICALLY YOU CAN
ARRANGE IT, AND THERE'S TWO
DIFFERENT KINDS OF ARRANGEMENT.

THERE'S "SNAP TO GRID," WHICH
MEANS YOU POSITION THEM.

NOW, "SNAP TO GRID" WILL WORK
FOR WHAT YOU WANT, BUT YOU HAVE

TO DO IT MANUALLY, SO IF WE CAN
GET A FULL SCREEN HERE, I'M
GONNA SELECT "SNAP TO GRID," AND
THEN I CAN DRAG THESE OVER, AND
THEY'LL BE NICELY LINED UP.
YOU SEE HOW IT'S JUMPING OVER TO A GRID?
LET'S PUT IT A LITTLE DOWN BELOW HERE.
AND SO IT'LL STAY ON THE LEFT.

Matt: (Unclear) IF YOU PUT A,
SAY, AN EXTERNAL DRIVE IN OR
SOMETHING LIKE THAT, IT COMES UP --

Leo: IT STILL POPS UP ON THE RIGHT?
THAT'S FRUSTRATING.

YEAH, AND, YOU SEE, THE OTHER
CHOICE IS TO SORT --
YOU CAN HAVE NO ARRANGEMENT, OR
YOU CAN SORT ALPHABETICALLY, BY
NAME, BY DATE MODIFIED, DATE
CREATED, SIZE, KIND OR LABEL.

I USUALLY HAVE "SORT BY NAME,"
BUT WATCH WHAT HAPPENS.

BOOM!

THEY ALL GO TO THE RIGHT, AND
THAT'S JUST THE WAY IT IS!

YOU KNOW, I DON'T KNOW.

THERE MAY BE --

I SUPPOSE SOMEBODY COULD WRITE A
THIRD PARTY APPLICATION THAT
WOULD REPOSITION THEM, BUT IT
WOULD BE ALWAYS FIGHTING WITH
THE OPERATING SYSTEM.

APPLE HAS NOT PROVIDED A WAY TO DO THIS.

I GUESS MY SUGGESTION WOULD BE

TO USE THE GRID.

PLUG --

YOU KNOW, HERE'S A QUESTION, AND

I DON'T KNOW WHAT THE ANSWER IS.

IF YOU MOVE THESE THINGS OVER,

SNAP TO GRID WHILE THEY'RE

MOUNTED AND THEN UNMOUNT THEM,

DO THEY GO BACK TO THE OLD

POSITION, OR DO THEY SHOW BACK

UP ON THE RIGHT?

Matt: IF I WAS TO EJECT THE EXTERNAL --

Leo: YEAH?

Matt: AND TAKE A DVD OUT, IT

WOULD COME BACK ON THE RIGHT.

Leo: IT COMES BACK.

IT JUST SNAPS BACK TO THE RIGHT.

SO IT DOESN'T REMEMBER WHERE YOU

PUT IT LAST TIME.

SEE, THAT WOULD BE --

AND THAT'S THE KIND OF THING

THAT APPLE SHOULD DO AND

GENERALLY DOES DO.

THEY USUALLY ARE THINKING ABOUT

THIS KIND OF THING.

I THINK, YOU KNOW, THEY'VE JUST DECIDED --

THEY'RE NOT ALWAYS LOGICAL.

FOR INSTANCE, THE DEFAULT

POSITION FOR THE DOCK IS ON THE BOTTOM.

IN FACT, THE NEW DOCK IN LEOPARD

REALLY DOESN'T LOOK AS GOOD IF

IT'S ON ANY OTHER SIDE, BUT THE

PROBLEM IS YOU HAVE --

YOU KNOW, AT THE BOTTOM, YOU

DON'T HAVE AS MUCH SPACE TOP TO BOTTOM AS YOU DO LEFT TO RIGHT, SO I LIKE TO HAVE THE DOCK OVER ON THE LEFT, AND YOU CAN POSITION IT ON THE LEFT, BUT YOU LOSE ALL THAT COOL, YOU KNOW, GRAPHICAL STUFF.

THEY REALLY, THEY REALLY WANT IT TO BE ON THE BOTTOM, WHICH TO ME ISN'T LOGICAL.

I MEAN I THINK IT --

BECAUSE YOU HAVE SO MUCH MORE ROOM LEFT TO RIGHT THAN YOU DO TOP TO BOTTOM, BUT ANYWAY, THAT'S -- YOU KNOW, I COULD GO ON AND ON.

APPLE IS NOT NOTORIOUS --

AND I THINK THAT IF YOU HAD TO PICK ONE THING, AND A LOT OF SWITCHERS COMPLAIN ABOUT THIS, ONE BIG DIFFERENCE BETWEEN THE MACINTOSH PHILOSOPHY AND THE WINDOWS PHILOSOPHY, IT'S THAT WINDOWS IS CUSTOMIZABLE IN ALMOST EVERY RESPECT, YOU KNOW, ALMOST FAR TOO CUSTOMIZABLE. THERE ARE, YOU KNOW, HIDDEN TWEAKS BURIED DEEP, WHERE YOU WOULD NEVER FIND THEM.

APPLE'S KIND OF THE OPPOSITE.

IN FACT, IN THE EARLIEST DAYS, APPLE WAS REALLY KIND OF DOGMATIC ABOUT THIS: "YOU DO IT THIS WAY."

AND THERE IS A RATIONALE FOR THAT.
IT'S NOT JUST BECAUSE THEY'RE,
YOU KNOW, CONTROL FREAKS.
THE RATIONALE IS THAT THE WAY
THE HUMAN BRAIN WORKS IS DOWN PATHWAYS.
IF EVERYTHING'S KIND OF ALWAYS
THE SAME WAY, THE HUMAN BRAIN
CAN LEARN IT FASTER, REMEMBER IT FASTER.
WHEN YOU HAVE ALL THESE
DIFFERENT WAYS OF DOING THINGS, IT'S CONFUSING.
SO IT'S JUST A DIFFERENT PHILOSOPHY.
WINDOWS SAYS, "HEY, IT'S A
PERSONAL COMPUTER -- YOU SHOULD
GET TO DO IT ANY WAY YOU WANT."
MACINTOSH SAYS, "YES, BUT IT'S
EASIER FOR USERS IF YOU JUST DO
IT ONE WAY."
IF THE ICONS ARE ALWAYS ON THE
RIGHT, USERS WILL LEARN IT
FASTER, AND THEY'LL BE MORE
COMFORTABLE WITH IT, AND I'M
AFRAID YOU'RE COMING UP AGAINST
THAT DOGMA UNFORTUNATELY.
MATT, I DON'T HAVE AN ANSWER.
I'M A LEFTY.
I'D LIKE 'EM ON THE LEFT.
THAT'S EXACTLY WHERE I'D LIKE THEM TO BE.
I HAVE NO IDEA.
I DON'T THINK THERE'S ANY WAY
YOU CAN PERMANENTLY FORCE THAT, THOUGH.

[Pop captions up]

Matt: JUST, IF I'VE STILL GOT TIME --
I DON'T KNOW HOW LONG YOU'VE GOT

LEFT WITH ME.

Leo: (Laughing)

Matt: HAVE YOU GOT ANY TIME LEFT OR --

Leo: YEAH, SURE!

Matt: JUST QUICKLY, WOULD YOU KNOW --

BECAUSE, LIKE I WAS SAYING

EARLIER, MY MACBOOK PRO ARRIVED

YESTERDAY, AND THEY RUN VERY, VERY HOT.

IT COMES OFF ABOUT -- WHAT IS

IT -- 60, 65 DEGREES.

Leo: YEAH, THAT'S FINE.

(Banging sound)

Matt: DO YOU KNOW OF ANY LIKE

TWEAK OR SOMETHING LIKE THAT

WHICH ALLOWS YOU TO CHANGE THE

DEFAULT SETTINGS INSTEAD OF LIKE --

I THINK IT'S A MINIMUM OF --

WHAT IS IT -- 2,000 IT RUNS AT

AT THE MOMENT?

Leo: YEAH, YOU CAN ABSOLUTELY --

[Pop captions down]

Leo: THERE'S A COUPLE THINGS YOU CAN DO.

FIRST OF ALL, IT'S NORMAL FOR IT

TO RUN THAT HOT.

THAT'S WHY IT'S AN ALUMINUM CASE.

65 IS NOT ABNORMAL FOR THESE

CORE 2 DUOS.

THEY RUN THAT HOT IN EVERY SYSTEM.

Matt: MM-HMM.

Leo: IT'S JUST NORMAL.

THERE'S A COUPLE OF THINGS YOU CAN DO.

YOU CAN GO INTO THE POWER

SAVINGS AND HAVE IT OPERATE AT A

LOWER, AT A MORE --
YOU KNOW, IF YOU CHANGE IT TO
BETTER BATTERY LIFE, EVEN WHEN
IT'S PLUGGED IT, IT WILL USE SPEED STEP.
IT WILL SLOW DOWN.
IT WON'T BE AS FAST A COMPUTER,
BUT IT WILL BE A COOLER COMPUTER.
THE OTHER THING YOU CAN DO,
WHICH I RECOMMEND, IS GET A
LAPTOP DESK.
NOW, THIS IS ONE WITH BUILT-IN
FANS THAT YOU PLUG IN VIA THE USB PORT.
THIS DROPS IT ABOUT 10 DEGREES CENTIGRADE.
THIS MAKES A HUGE DIFFERENCE.
SO IF YOU --
THIS IS THE BEST WAY TO DO IT.
IF YOU'RE USING ANY LAPTOP
NOWADAYS, ANY LAPTOP WITH A
CORE 2 DUO, PUTTING IT ON
SOMETHING THAT WILL RAISE IT UP
AND GIVE IT SOME CLEARANCE SO
THAT AIR CAN GO UNDER IT WILL
HELP A LOT, AND THESE JUST MAKE
IT EVEN BETTER BECAUSE THESE ARE --
THESE FANS, YOU PLUG THESE INTO
THE USB PORT, AND THEY BLOW, AND
THAT REALLY DOES KEEP IT A LOT COOLER.
YOU KNOW, YOU'RE GONNA GET BETTER LIFE.
IT'S GONNA BE MORE RELIABLE.
YOU'RE GONNA HAVE FEWER PROBLEMS
IF YOU KEEP IT COOL.

[Pop captions up]

Leo: THE INTEL

CORE 2'S ARE DESIGNED TO RUN AT
65, BUT YOU'RE RIGHT.

I MEAN IT'D BE BETTER TO RUN
THEM A LITTLE BIT COOLER.

OKAY?

Matt: WELL, I GUESS THAT'S
WHY THEY CHANGED IT FROM
"LAPTOP" TO "NOTEBOOK," ISN'T IT?

(Chuckles)

[Pop captions down]

Leo: YEAH, YEAH, YOU
DON'T KEEP THAT ON YOUR LAPTOP,
DO YA, UNLESS YOU DON'T WANT TO
HAVE ANY MORE CHILDREN!

(Lively digital music)

Matt: (Laughing)

Leo: OKAY, NEAL,
THANK YOU SO MUCH FOR THE CALL.
I APPRECIATE IT.

DO I HAVE TIME FOR RYAN?

(Coughing)

IT'S TIME FOR --

EXCUSE ME.

I'M SORRY.

I DIDN'T MEAN TO COUGH ON YOU.

Ryan Yewell: NO, IT'S ALL GOOD.

Leo: WOULD YOU LIKE MY COLD?

(Coughs)

Ryan: UH...

Leo: TIME FOR OUR FREE FILE OF THE DAY!

Ryan: AND IT'S A WEBSITE.

IT'S CALLED "JOE'S GOALS."

Leo: JOE'S GOALS?

[Pop captions up]

Leo: WELL, I SEE IT SAYS "YEWELL'S JEWELS' GOALS" RIGHT NOW.

Ryan: WELL, WELL, BECAUSE I'M USING JOE'S GOALS TO TRACK YEWELL'S JEWELS' GOALS.

Leo: SO THE PROGRAM'S JOE'S GOALS, BUT IT COULD BE ANYBODY'S GOALS.

Ryan: YEAH, IT'S ANYONE'S GOALS.

[Pop captions down]

Ryan: AND SO WHAT YOU DO IS I'VE SET UP SOME GOALS HERE, AND IT'S REALLY SIMPLE. SO "FIND A FREE FILE," SO EVERY DAY, IF I FIND A FREE FILE --

Leo: WOW, THIS IS NEAT.

Ryan: I THEN JUST CLICK, AND --

Leo: THIS WOULD BE GOOD FOR MY KIDS, LIKE DOING CHORES OR DOING HOMEWORK.

Ryan: THERE'S ALSO NEGATIVE GOALS OR VICES. SO YOU SEE "TAKE THE ELEVATOR." I'M TRYING, YOU KNOW, TRYING TO BE MORE ACTIVE, SO THAT'S ACTUALLY GOT A LITTLE UNHAPPY FACE HERE.

Leo: OH...

Ryan: AND WHAT IT DOES, SEE, DOWN AT THE BOTTOM, THE NUMBER IS CHANGING BECAUSE IT'S ADDING AND SUBTRACTING YOUR GOALS. YOU CAN WEIGHT THINGS, SO MAYBE CHASING A GUEST IS WORTH FIVE. SO IF I CLICK ONCE ON IT, IT

WENT FROM 18 TO 23.

Leo: YOU GET MORE POINTS FOR DOING THAT, YEAH.

Ryan: EXACTLY.

AND SO --

AND THEN YOU CAN START DOING
REPORTS, LIKE WE CAN DO A LITTLE
30-DAY REPORT, AND IT WILL COME UP --

Leo: THIS IS COOL!

Ryan: AND IT WILL, IT
WILL, YOU KNOW, SHOW ME THE
DIFFERENT, THE DIFFERENT
NUMBERS, AND IT'S REALLY SIMPLE,
YOU KNOW.

IT'S NOT ROBUST, BUT IT'S FREE,
SO THAT'S GREAT.

Leo: I DON'T THINK IT --
I THINK IT DOES WHAT IT NEEDS TO
DO AND NOTHIN' MORE.

Ryan: THERE YOU GO.
SO YOU GOT THE HAPPY FACES, YOU
GOT THE FROWNING FACES.
THEY ALL ADD UP TO EACH OTHER.
YOU CAN ADD YOUR OWN GOALS.
I DIDN'T SHOW YOU HOW TO DO
THAT, BUT IT'S LITERALLY, IT'S JUST --
IT'S ONE BUTTON PRESS.
YOU JUST GO "ADD GOAL."
I CAN ACTUALLY DO IT REAL QUICK HERE.
HERE WE GO.
WE'LL ADD A GOAL.
LET'S GO ANYTHING HERE.
I DON'T KNOW.

Leo: "SMILE MORE OFTEN."

Ryan: THERE YOU GO, "SMILE MORE."

SO WE JUST GO LIKE THAT.

IS IT A POSITIVE OR A NEGATIVE?

THAT'S PROBABLY A POSITIVE.

Leo: THAT'S A POSITIVE.

Ryan: THERE YOU GO.

SO WE SAVE IT, AND THEN IN A
SECOND, IT'S GONNA COME UP.

Leo: THAT'S REALLY --

(Both talking at once)

Ryan: THERE YOU GO.

Leo: ISN'T THAT COOL?

Ryan: THERE YOU GO.

Leo: HOW MUCH IS THAT?

Ryan: THAT IS, UH...

SAME PRICE AS ALL MY OTHER JEWELS --

Leo: WHICH WOULD BE FREE!

Ryan: FREE.

Leo: AND IT'S FOR WINDOWS?

Ryan: IT'S FOR, WELL,

ANYTHING THAT CAN BROWSE, SO --

Leo: OH, BECAUSE IT'S A WEBSITE.

Ryan: IT'S ALL WEB, SO IT'S ALL ONLINE, SO...

Leo: JOE'S GOALS.

Ryan: JOE'S GOALS.

[Pop captions up]

Ryan: GO TO THE labwithleo.com.

I'LL SHOW YOU WHERE TO GO, AND,
YEAH, IT'S ANY BROWSER, AND IT'S
ONLINE ALL THE TIME.

Leo: 175 FANTASTIC

JEWELS ON THAT SITE, ALL THANKS
TO RYAN YEWELL.

THANK YOU, RYAN.

Ryan: YOU'RE WELCOME.

Leo: ALL RIGHT, SEAN CARRUTHERS COMING UP IN JUST A BIT.

ARE YOU EXCITED ABOUT THE FUTURE OF TV?

Ryan: UH, YES.

Leo: GET EXCITED BECAUSE IT'S EXCITING!

WE'LL FIND OUT MORE ABOUT WHAT'S
COMING IN YOUR FUTURE FOR TV, BUT FIRST --

I MEAN THE SETS, NOT WHAT'S ON
IT, BECAUSE WE KNOW YOU'RE GONNA
BE WATCHING "THE LAB."

FIRST, QUIZ QUESTION TIME.

WHEN WERE THE WEBBIES FIRST
GIVEN OUT TO HONOUR WEBSITES?

'95, '97, '99 OR 2000?

I DON'T KNOW.

THINK ABOUT IT.

WE'LL GIVE YOU THE ANSWER WHEN
"THE LAB" CONTINUES.

(Mellow digital music)

[Pop captions down]

COMMERCIAL

[Pop captions up]

(Mellow digital music)

Leo: WELCOME BACK TO "THE LAB."

BEFORE THE BREAK, WE ASKED YOU
THIS FABULOUS QUESTION: "WHAT
YEAR WERE THE WEBBY AWARDS FIRST
GIVEN HONOUR?"

NOW, I WAS AT THE 2000 AWARDS.

I THINK '97.

OH, THAT WAS A GOOD GUESS.

Sean: YOU ARE CORRECT, SIR.

Leo: (Speaking in British accent)

I AM CORRECT, SIR!

(Speaking in normal voice)

I ACTUALLY WAS AT ONE WEBBY AWARDS, THE SAME ONE AMBER MacARTHUR WAS A JUDGE AT, BUT I DIDN'T KNOW HER AT THE TIME.

[Pop captions down]

Leo: WE WERE LIKE SHIPS THAT PASSED IN THE NIGHT. ANYWAY, HERE HE IS, SEAN CARRUTHERS, LADIES AND GENTLEMEN. HE WAS RECENTLY AT CES, THE CONSUMER ELECTRONICS SHOW. IT'S THE BIG TRADE SHOW IN LAS VEGAS. IT'S THE SHOW THAT COMPANIES COME TO TO ANNOUNCE NEW PRODUCTS AND SOMETIMES TO SHOW NEW PRODUCTS TO DEALERS TO SEE IF THEY SHOULD KEEP MAKING THEM, SO THAT'S WHY SOMETIMES YOU'LL SEE STUFF AT CES THAT NEVER GETS MADE, AND SOMETIMES IT'S JUST, YOU KNOW, TO WAVE THE FLAG AND SAY, "HEY, WE'RE THE BEST." YOU SAW A LOT OF ALL OF THAT, I'M SURE.

[Pop captions up]

Sean: YOU GET A LOT OF BOOTHS, MOSTLY THE BIG COMPANY BOOTHS, SO THEY'RE JUST LIKE -- IT'S AN ACTUAL CATALOGUE BASICALLY. EVERY SINGLE THING THAT THEY MAKE IS IN THIS BOOTH SOMEWHERE.

[Pop captions down]

Leo: YEAH.

NOW, THE CES HAS BECOME MORE AND
MORE A TV TRADE SHOW.

I MEAN THIS IS --

Sean: VERY MUCH, YEAH.

Leo: THIS IS THE ONE
WHERE EVERYBODY WANTS TO SHOW
OFF THE LATEST AND GREATEST.

[Pop captions up]

Leo: TELL US A LITTLE
BIT ABOUT WHAT YOU SAW AT CES IN TV'S.

Sean: WELL, FOR THE LONGEST TIME, WE'VE BEEN
GOING IN THE DIRECTION OF HIGH DEFINITION --

Leo: OH, YEAH.

Sean: AND WE'VE BEEN GOING IN THE WAY OF FLAT PANELS.
THAT'S BEEN A SORT OF CONSTANT
MOVEMENT OVER THE LAST NUMBER OF
YEARS, AND THAT'S STILL
HAPPENING, BUT WHAT'S REALLY
HAPPENING NOW IS BIGGER --

[Pop captions down]

Leo: YES.

Sean: BIGGER, BIGGER --

Leo: THEY REALLY GOT BIG THIS YEAR!

Sean: YEAH,
THERE'S BEEN A CONTEST OVER THE
LAST NUMBER OF YEARS.

IT'S BEEN SORT OF CREEPING
AROUND THE 100 MARK, SO 90 AND
THEN 100 AND THEN 102 --

Leo: SHARP LAST YEAR
HAD A 109-INCH, WHICH I
REMEMBER, I THINK 105, 109,

SOMETHING LIKE THAT.

Sean: SOMETHING LIKE THAT, YEAH.

Leo: I GOT IT FOR REGIS AND KELLY.

IT WAS BIG!

Sean: MM-HMM.

Leo: IT WAS HUGE!

IN FACT, IT TOOK A SPECIAL CASE
AND A SPECIAL TRUCK.

DID THEY TOP THAT THIS YEAR?

Sean: THEY DID.

(Both talking at once)

Leo: WHO HAD THE BIGGEST TV?

Sean: THE BIGGEST TV THIS YEAR WAS FROM
PANASONIC --

Leo: MM-HMM?

Sean: AND IT WAS 150 INCHES.

Leo: (Laughing)

Sean: AND THAT'S 150 INCHES DIAGONALLY.
WE'RE TAKING A LOOK AT IT ON THE
SHOW FLOOR HERE.

[Pop captions up]

Leo: THIS BASICALLY
IS TWO SIX-FOOT-TALL MEN
STRETCHING OUT THEIR ARMS WOULD
GO END TO END ON THIS.

I MEAN IT'S HUGE!

Sean: RIGHT.

IT'S LIKE FOUR TIMES THE SIZE OF
THE SET THAT WE HAVE BEHIND US HERE.

[Pop captions down]

Sean: JUST TO GIVE
YOU A COMPARISON HERE, HERE'S --

Leo: OH, MY GOODNESS!

Sean: HERE'S A WOMAN STANDING BESIDE THE SET,
MUCH TALLER THAN HER.

Leo: WOW!

Sean: AND JUST AS ANOTHER COMPARISON HERE, WE'VE
GOT THE 103-INCH PLASMA THAT WAS
THE BIG ONE LAST YEAR BESIDE IT.

Leo: WOW, LOOK AT THAT.
NOW, THERE IS A DRAWBACK TO THIS.
IT TAKES A 747 TO TRANSPORT IT,
AND YOU CAN ONLY TRANSPORT ONE
TV PER 747.

IT'S THAT BIG!

Sean: YES, IT COSTS A WHOLE LOT OF MONEY TO DO THIS --

Leo: (Laughing)

Sean: AND YOU REALLY HAVE TO RIP THE LID OFF
YOUR HOUSE TO GET IT INTO THE HOUSE.

Leo: YEAH, THERE'S NO WAY.
YOU CAN'T PUT THAT THROUGH THE DOOR.

Sean: YEAH, I MEAN
IF IT EVER HAS TO GO OUT FOR
SERVICING, YOU'RE HOSED BASICALLY.

Leo: YEAH, I DON'T
KNOW HOW YOU GET SERVICED ON IT.
SO THIS IS A SPECIALTY PRODUCT.
THEY PROBABLY DON'T EVEN
ANNOUNCE A PRICE FOR SOMETHING
LIKE THIS.

Sean: NO, FOR THIS ONE, THE 150-INCH, DEFINITELY
NOT AT THIS POINT.

NOW, THAT SAID, THE 103-INCH,
WHICH WAS ANNOUNCED LAST YEAR,
OR WAS IT TWO YEARS AGO, IT'S
FINALLY SHIPPING LAST YEAR --

Leo: REALLY?

Sean: AND THEY'VE NOW SOLD SOMETHING LIKE 3,000 OF THESE AT \$30,000 A CRACK.

Leo: WHO'S BUYING THESE?

Sean: WELL, YOU KNOW, IT'S --

Leo: SHAQUILLE O'NEAL HAS FIVE.

Sean: WELL, VERY RICH PEOPLE.

Leo: HE'S GOT ONE IN HIS BATHROOM.

Sean: DEFINITELY.

AND, YOU KNOW, IT'S FOR PRESENTATIONS, SO IF YOU'VE GOT A CORPORATION, YOU COULD PUT IT IN SOMETHING LIKE THAT, WHERE YOU'VE GOT AN ELEVATOR THE SIZE OF A TRUCK.

Leo: (Chuckling)

EXACTLY.

IT'S A GOOD SHOW-OFF THING.

Sean: YEAH.

YOU'RE NOT GONNA GET THIS IN YOUR HOUSE.

Leo: THIS IS AN EXAMPLE OF KIND OF THE BARNUM AND BAILEY SIDE OF CES, WHERE THEY'RE SHOWING SOMETHING YOU CAN'T GET, YOU'LL NEVER BE ABLE TO GET, BUT AT LEAST, YOU KNOW, IT'S COOL.

Sean: IT'S THEORETICALLY POSSIBLE WHETHER YOU'RE EVER GONNA THEORETICALLY BE ABLE TO AFFORD IT OR NOT.

Leo: WHAT ELSE DID YOU SEE?

Sean: WELL, WE'VE GOT SONY'S OLED.

THIS IS NOT A GREAT PICTURE.

THIS IS SORT OF SNAPPED IN THE

FIELD IN A SONY BOOTH.

Leo: IT'S NEVER GONNA
DO IT JUSTICE BECAUSE THE TV'S
WE'RE WATCHING IT ON WILL NEVER
BE AS GOOD AS THE OLED TV.

Sean: RIGHT.
SO THIS IS ANOTHER LOOK AT IT.

Leo: LOOK HOW THIN IT IS.

[Pop captions up]

Sean: XEL-1.
IT'S 13 INCHES DIAGONALLY.

Leo: UH-HUH.

Sean: 25 HUNDRED DOLLARS --

Leo: (Chuckling)

Sean: BUT IT'S GOT A MILLION TO ONE CONTRAST RATIO.

Leo: WOW!

Sean: IT'S INSANELY --

Leo: NOW, DID YOU SEE IT IN A DISPLAY?

[Pop captions down]

Sean: I'VE SEEN IT.

Leo: HOW DID IT LOOK?

Sean: IT LOOKS AMAZING.

Leo: YEAH.

Sean: IT'S REALLY HARD TO DIFFERENTIATE BETWEEN
THIS AND A PHOTOGRAPH IN SOME
CASES EXCEPT FOR THE FACT THAT
IT'S VERY BRIGHT.

Leo: IT'S MOVING.

Sean: AND IT'S MOVING.

Leo: IT'S MOVING, YEAH.

Sean: RIGHT.

SO I MEAN --

Leo: BUT 25 HUNDRED

BUCKS FOR A 13-INCH TV...

Sean: YEAH, IT'S GOTTA COME DOWN.
RIGHT NOW IT'S DEFINITELY MORE
AFFORDABLE TO PUT OLED
TECHNOLOGY, AND THAT'S "ORGANIC
LIGHT-EMITTING DIODE," INTO
SOMETHING SMALLER, LIKE YOUR CELLPHONE.

Leo: RIGHT.

Sean: NOW, ONE OF
THE OTHER MANUFACTURERS, WHO
SHALL REMAIN NAMELESS, WAS SORT
OF BAD-MOUTHING OLED TECHNOLOGY,
SAYING THAT, "WELL, YOU KNOW,
IT'S ORGANIC, AND THE PIGMENTS
IN THERE --"

Leo: THE PURPLE DYES FADE, THEY SAY.

Sean: THEY DIE,
AND THAT WAS ONE OF THE BIG
PROBLEMS THAT'S PREVENTED IT
FROM REALLY BECOMING
WELL-ADOPTED IS THE BLUE DYES
INSIDE THERE, FOR SURE THEY HAD
A SHELF LIFE OF ONLY A FEW
THOUSAND HOURS, COMPARED TO THE
10,000 OF THE RED AND BLUE, SO
YOUR COLOUR WOULD GO OUT OVER
THE COURSE OF TIME.

Leo: THEY SAY THEY'VE
GOTTEN THAT SLICKED, BUT WE
WON'T KNOW FOR A FEW YEARS.

(Laughing)

THEN IT'LL BE TOO LATE.

Sean: WHETHER THEY'VE GOT IT DOWN, OR WHETHER

THEY'VE GOT THEM EQUALIZED,
THEY'RE STILL DYING.

Leo: RIGHT.

Sean: SO EVENTUALLY IT'LL FADE OUT, SO
IT'S NOT LIKE A TELEVISION --

Leo: SO YOU'RE BUYING
A SMALL TV FOR 25 HUNDRED BUCKS,
AND IT'S GONNA --
IN A COUPLE OF YEARS, IT'S NOT
GONNA LOOK VERY GOOD.

Sean: POTENTIALLY, SO IT'S TO BE DETERMINED.
I'M NOT GONNA BE INVESTING IN
THIS ANYTIME SOON.

[Pop captions up]

Leo: NO, NO, NO-NO.

DID YOU HAVE ANYTHING THAT YOU
WANTED TO BUY HERE?

Sean: WELL, THIS RIGHT HERE IS KIND OF NICE.
YOU CAN'T SEE MUCH THERE, BUT --

Leo: BUT LOOK HOW THIN THAT IS.

[Pop captions down]

Sean: LOOK AT THIS.

THIS IS --

THIS IS FROM SHARP.

[Pop captions up]

Sean: IT'S A 52-INCH LCD.

THIS IS A PROTOTYPE THAT THEY'RE
SHOWING OFF, AND I THINK IT MAY
BE AVAILABLE IN JAPAN AT THIS POINT.

Leo: MM-HMM.

Sean: LET'S RUN THAT AGAIN SO YOU CAN JUST SEE
HOW THIN THAT IS.

[Pop captions down]

Leo: NOW, THIS WASN'T
THE NINE-MILLIMETRE-THICK ONE.

Sean: NO, NO,
HITACHI WAS SHOWING OFF ONE THAT
WAS 1.5 INCHES.

Leo: WOW.

Sean: THIS ONE IS 1.3 INCHES.

Leo: WOW.

Sean: AND THEY'RE
SHOWING OFF A PLASMA THAT'S EVEN
THINNER THAN THAT.
YOU CAN SEE THAT IT'S REALLY,
REALLY SKINNY WHEN YOU GO TO THE
SIDE THERE.

OBVIOUSLY, THE BENEFITS OF
SOMETHING LIKE THIS IS ABOUT
20 KILOGRAMS FOR THIS.
YOU CAN MOUNT THIS ON THE WALL
NOW, 52 INCHES.

Leo: IT'S VERY LIGHT, YEAH.

Sean: AND IT USES WAY LESS ELECTRICITY.

Leo: YEAH, I THINK PIONEER HAD A PROTOTYPE, A
CONCEPT (Unclear) THAT WAS
THINNER THAN AN IPHONE, NINE
MILLIMETRES, UNBELIEVABLE --

Sean: YEAH, THIS IS DEFINITELY --

Leo: UNBELIEVABLE.

Sean: I THINK THINNER IS THE NEW THING, NOT
BIGGER, BUT THINNER FOR THE CONSUMERS.

Leo: YEAH, BECAUSE
THEN YOU CAN HANG IT ON THE
WALL, RIGHT?

Sean: RIGHT.

ULTRA HIGH DEFINITION IS ALSO
SOMETHING THAT'S --

Leo: WHAT'S ULTRA HIGH DEFINITION?

Sean: WELL, THIS
RIGHT HERE IS A SAMSUNG PROTOTYPE.

[Pop captions up]

Sean: I THINK IT'S 80 INCHES.
WE'RE AIMING AT SOMETHING
THAT'S, YOU KNOW, REALLY, REALLY
HIGH RESOLUTION, ABOUT FOUR
TIMES THE RESOLUTION, IN FACT --

Leo: THEY CALL IT 4K.

Sean: 4K, RIGHT.

[Pop captions down]

Leo: YEAH.

Sean: SO IF YOU REMEMBER, WE'VE TALKED ABOUT THE
RED CAMERA.

I MEAN IT'S HARD TO TELL ON THIS SCREEN.

Leo: YOU'D HAVE TO
SEE IT IN PERSON OBVIOUSLY.

Sean: YOU'D HAVE TO SEE IT IN PERSON, BUT THE
DETAIL ON SOMETHING LIKE THIS,
THIS HAS SOMETHING LIKE
38 HUNDRED PIXELS BY 21 HUNDRED.

Leo: THEY SAY IT'S --
NOW, THIS ISN'T FULL 4K.
THIS IS 4K BY 2K, RIGHT?

Sean: PRETTY MUCH.

Leo: YEAH, THEY
AREN'T YET FULL 4K, BUT THAT'S COMING.

Sean: MM-HMM.

Leo: SO YOU'RE ALL EXCITED ABOUT YOUR HDTV, WHICH IS 2K.
SORRY.

(Chuckles)

4K IS COMING!

(Laughing)

Sean: YEAH, IT'S --

IT'S NEVER-ENDING.

Leo: AND, AS YOU

SAID, THE RED CAMERA IS A

4K CAMERA, AND THE MOVIE STUDIOS

HAVE ALREADY AGREED ON THIS AS A

STANDARD, SO WE'RE GONNA START

SEEING HIGH-RESOLUTION IMAGES

LIKE THIS.

WHAT'S THIS?

[Pop captions up]

Sean: THIS RIGHT HERE IS NEAT TECHNOLOGY FROM

TEXAS INSTRUMENTS.

NOW, YOU SEE THE CAR FLIPPING

BACK AND FORTH HERE?

Leo: YEAH.

Sean: WELL, THIS IS ACTUALLY ON THE SAME SCREEN

RIGHT NOW THAT WE'RE SHOOTING.

WE'RE JUST FLIPPING A SWITCH,

AND WE'RE USING DLP TECHNOLOGY

TO SWITCH BETWEEN THE TWO, AND

RIGHT NOW YOU SEE WE'RE TAKING

THESE GLASSES OFF, AND WE'RE

SEEING BOTH OF THESE MASHED TOGETHER.

[Pop captions down]

Leo: OH, SO YOU'RE

NOT CHANGING THE TV; YOU'RE

CHANGING THE GLASSES.

Sean: RIGHT.

SO WE'RE CHANGING THE

POLARIZATION OF THE GLASSES.

Leo: AND WHAT WOULD POSSIBLY --
WHAT COULD POSSIBLY BE THE USE
OF THAT?

Sean: TWO PEOPLE CAN PLAY A BIG-SCREEN GAME AT
THE SAME TIME.

Leo: OH, THAT'S NEAT.

Sean: OR YOU CAN
HAVE TWO PEOPLE WATCHING THE
SAME BACK-OF-THE-SEAT TV IN THE
AIRPLANE AT THE SAME TIME,
WATCHING THEIR OWN CHANNELS.

Leo: OH, MY WIFE
COULD WATCH THE ACADEMY AWARDS.
I COULD WATCH THE SUPER BOWL.
WE'D BOTH BE HAPPY!

Sean: EXACTLY.

(Funky jazz music)

Leo: I LIKE IT!

Sean: THERE YOU GO.

Leo: SEAN CARRUTHERS,
HE TOOK A CHANCE.
HE WENT TO LAS VEGAS, BRAVED THE
CROWDS, 145,000 GEEKS,
2.7 HUNDRED SQUARE THOUSAND
MILLION FEET --

Sean: A BAJILLION.

Leo: A BAJILLION.

Sean: IT'S TOO MUCH.

Leo: A BAJILLION.
ANYWAY, THANK YOU FOR DOING THAT.
THOSE ARE SOME PRETTY COOL THINGS.
ALL RIGHT, WE'RE GONNA WRAP THIS

UP, A FINAL WORD FOR YOU RIGHT
AFTER THIS.

YOU STAY RIGHT HERE.

[MUSIC]

(Theme music playing)

COMMERCIAL

(Theme music playing)

Leo: HAVE YOU EVER BEEN TO CES?
HAVE YOU EVER GONE TO ONE OF
THOSE TRADE SHOWS?

Kate: I WOULD LOVE TO GO.

I REALLY WOULD.

Leo: PHEW! IT IS --

Kate: ONCE.

(Chuckles)

Leo: YEAH, ONCE.

EVERYBODY SHOULD GO ONCE.

IT'S A THREE-RING CIRCUS.

[Pop captions up]

Leo: THERE LITERALLY
ARE 145,000 PEOPLE.

Kate: IT'S ALL IN HOTELS, ISN'T IT?

Leo: NO, THERE'S A
BIG CONVENTION CENTRE, LAS VEGAS
CONVENTION CENTRE, AND THEN --
BUT IT'S TOO BIG JUST FOR THAT.

Kate: SO THEN IT SPRAWLS OUT.

[Pop captions down]

Leo: SO THEN IT
SPRAWLS OUT INTO CONVENTION
CENTRES WITHIN HOTELS.

Kate: RIGHT.

Leo: SO IT'S SPREAD

OUT OVER MUCH OF VEGAS.

[Pop captions up]

Leo: YOU CAN'T GET TO ANYWHERE BECAUSE ALL THE CABS ARE FULL, AND YET I MEAN IT IS KIND OF, YOU KNOW, THE CANDY STORE. I MEAN IT'S AMAZING STUFF.

(Theme music playing)

Leo: I STOPPED GOING ABOUT THREE YEARS AGO, THOUGH, BECAUSE IT WAS JUST -- YOU KNOW, IT WAS EXHAUSTING. IT JUST KILLED -- SO WE SEND SEAN.

Kate: (Laughing)

YEAH, EXACTLY.

Leo: WE LET SEAN GO.

Kate: "OFF YOU GO!"

Leo: "IT'S FINE. YOU HAVE A GOOD TIME."

Kate: (Laughing)

Leo: "COME BACK AND TELL US IF YOU SAW ANYTHING."

Kate: (Laughing)

Leo: ANYWAY, WE THANK YOU SO MUCH FOR BEING HERE. WE'RE KIND OF YOUR PROXIES IN THE TECH WORLD. WE'LL SHOW YOU WHAT YOU NEED TO KNOW, AND IF YOU HAVE A QUESTION, YOU GO TO THE WEBSITE.

Kate: YEAH, labwithleo.com.

Leo: AND... THAT'S IT?

[Pop captions down]

Kate: THAT'S IT, labwithleo.com.

(Both laughing)

Leo: WE'LL SEE YOU NEXT TIME.

Kate: BYE-BYE.

Leo: BYE-BYE.

(Greedy theme plays,
coins clinking)

[Pop captions up]

\CLOSED CAPTIONING

\PERFORMED BY:

\BROADCAST CAPTIONING &

\CONSULTING SERVICES INC.

\www.closedcaptioning.com

[Pop captions down]

(Rogers theme plays)