

[Pop captions up]

TODAY ON THE LAB, I'M GOING TO SHOW YOU HOW TO SAVE MONEY. I'M JOHNNY JET.

[Pop captions down] [Theme music playing] [Pop captions up]

**Leo Laporte:** HEY HOW ARE YOU? GOOD TO SEE YOU AND WELCOME! IT'S TIME FOR THE LAB WITH LEO. I'M LEO AND THIS IS A SHOW WHERE WE'RE GOING TO HELP YOU UNDERSTAND TECHNOLOGY; HOW IT WORKS, HOW YOU CAN HAVE FUN WITH IT AND HOW YOU CAN GET RID OF IT WHEN YOU'RE DONE WITH IT. LADIES AND GENTLEMEN, KATE ABRAHAM, BOY SHE'S A KEEPER, WE'RE KEEPING HER AROUND. [Pop captions down]

**Leo Laporte:** SHE ANSWERS ALL YOUR CALLS, GETS SOME GREAT CALLERS FOR THE SHOW.

**Kate Abraham:** WE HAVE SOME REALLY GREAT CALLERS TODAY, WE REALLY DO.

**Leo Laporte:** MAY I SEE THE CLIPBOARD?

**Kate Abraham:** YES YOU MAY.

**Leo Laporte:** THIS WOULD BE EPISODE 16 IT SAYS RIGHT HERE. 19? OH I'M SORRY, 19, THERE IT IS. I HAD IT UPSIDE DOWN THAT'S ALL. IT'S THAT GUY IN THERE DID IT WRONG. BUT NOW I TURN IT RIGHT SIDE UP TO READ...OH, JOHNNY JET! WE SAW JOHNNY JET. HE IS OUR KING OF CHEAP AIRFARES. HE'S GOING TO SHOW US HOW TO TRAVEL INTERNATIONALLY ON THE CHEAP, SOMETHING YOU DO A LOT OF.

**Kate Abraham:** YES I DO. I GO BACK TO ENGLAND ABOUT TWICE A YEAR--

**Leo Laporte:** REALLY? THAT OFTEN?

**Kate Abraham:** YEAH, MOM CALLS ME BACK IN.

**Leo Laporte:** DO YOU DO THAT JUST TO KEEP YOUR ACCENT?

**Kate Abraham:** I'M TRYING TO LOSE IT.

**Leo Laporte:** WHY LOSE IT?

**Kate Abraham:** IT'S SO HAMMY.

**Leo Laporte:** [Imitating southern twang] YOU DON'T WANT TO SOUND LIKE ME DO YOU? I DON'T THINK SO!

**Kate Abraham:** I'M TRYING TO LOSE--

**Leo Laporte:** IF I COULD SOUND LIKE YOU I WOULD.

**Kate Abraham:** WE'LL JUST SWAP ACCENTS PER EPISODE. [Both laughing]

**Leo Laporte:** THERE'S GOT TO BE A POWDER TO DO THAT. SEAN CARRUTHERS IS ALSO HERE. I KNOW YOU'RE VERY INTERESTED IN THE APPLTV. THIS ALLOWS YOU TO GET VIDEO, MOVIES, MUSIC, TELEVISION SHOWS OFF YOUR APPLE OR WINDOWS MACHINE ONTO YOUR BIG HD T.V. IT'S VERY COOL. HE'S GOING TO GIVE US A REVIEW. AND OF COURSE CALL, LOTS OF THEM.

**Kate Abraham:** FANTASTIC. GOOD CALLERS.

**Leo Laporte:** THE BEST CALLERS EVER, IN HISTORY! WHO DO YOU HAVE FOR OUR FIRST CALLER TODAY?

**Kate Abraham:** OUR FIRST CALLER IS PAUL AND HE'S FROM WALNUT CREEK IN CALIFORNIA.

**Leo Laporte:** HEY, DOWN MY WAY. HELLO PAUL, HOW ARE YOU TODAY? [Pop captions up]

**Paul:** OKAY LEO. IT'S GREAT HEARING YOUR VOICE.

**Leo Laporte:** GREAT TO TALK TO YOU.

**Paul:** YOU'RE BACK ON [indistinct] AGAIN--

**Leo Laporte:** THAT'S RIGHT I'M BACK ON THE RADIO IN SAN FRANCISCO BAY AREA ON KGO DOING MY RADIO SHOW. IT'S A PRETTY NICE FEELING BECAUSE THAT'S REALLY WHERE I STARTED DOING COMPUTER RADIO. [Pop captions down]

**Paul:** THAT'S RIGHT. PERIODICALLY ON WITH RON OWENS AND I ENJOY LISTENING TO YOU BOTH.

**Leo Laporte:** THAT'S SO NICE. WALNUT CREEK'S A BEAUTIFUL PART OF THE COUNTRY. I TELL YOU YOU'RE GETTING BETTER WEATHER THAN THE REST OF THE COUNTRY. THERE'S A NICE PICTURE OF OUR CALLER. WHAT CAN I DO FOR YOU TODAY?

**Paul:** HAVE A TIVO AND RECORDING SHOWS ON IT. IT RUNS OUT OF MEMORY SO I'VE BEEN TRYING TO DOWNLOAD THEM AND BURN DVD. AND I DO THAT AND I'VE BEEN TRYING TO...I CAN PLAYBACK ON THE COMPUTER, BOTH COMPUTERS, I HAVE A LAPTOP AND MY PC. [Pop captions up]

**Leo Laporte:** YOU MUST HAVE TIVO TO GO THEN, SERIES THREE TIVO?

**Paul:** NO SERIES TWO.

**Leo Laporte:** BUT YOU HAVE THE TIVO TO GO FEATURE AND THAT'S WHAT'S ALLOWING YOU TO PLAY IT ON THE PC. [Pop captions down]

**Paul:** RIGHT.

**Leo Laporte:** ARE YOU USING TIVO TO GO TO BURN IT?

**Paul:** WELL IT'S FROM TIVO TO GO TO BURN AND BASICALLY I'VE TRIED USING WIN DVD BUT THEY WON'T DO TIVO FILES?

**Leo Laporte:** YEAH RIGHT. GUESS WHAT, YOU'RE GETTING BIT BY COPY PROTECTION! DIGITAL WRITES MANAGEMENT THEY CALL IT. THIS IS UNFORTUNATELY THE LIMIT THAT IS PLACED ON YOU BECAUSE THEY DON'T WANT YOU TO STEAL-- WE KNOW YOU'RE A THIEF. AND THEY DON'T WANT YOU TO STEAL THIS STUFF. YOU'VE HEARD ME TALK ABOUT THIS ON THE SHOW, I TALK ABOUT IT ALL THE TIME AND I HAVE TO SAY I'M NOT A FAN OF COPY PROTECTION. IT'S KIND OF-- FRANKLY I'M AMAZED THEY WERE ABLE TO GET TIVO TO GO AT ALL. I MEAN IT'S ONE OF THE LIMITATIONS THAT HOLLYWOOD PUTS ON TIVO, IF IT'S GOING TO BE ABLE TO MOVE THESE FILES AROUND. IF YOU BURN A DVD, YOU HAVE TO BURN IT WITH TIVO TO GO AND I THINK THERE ARE LIMITATIONS ON WHAT YOU CAN DO. AM I RIGHT?

**Paul:** THAT'S WHAT I FOUND OUT. THERE'S A...THE WIN DVD PROGRAM--

**Leo Laporte:** NO THAT WON'T DO IT. THAT WON'T DO IT BECAUSE IT HAS TO BE-- YOU HAVE TO-- CAUSE THEY WANT TO CHECK YOU OUT. OTHERWISE YOU COULD GIVE IT TO SOMEBODY.

**Paul:** I'D BE A CROOK RIGHT?

**Leo Laporte:** AND THEN THEY COULD WATCH THE SHOW WITHOUT PAYING FOR IT! THAT'S THE WHOLE IDEA OF THIS. IT'S A LIMITED DISK THAT ONLY CAN BE PLAYED BY TIVO TO GO.

**Paul:** OKAY.

**Leo Laporte:** YOU KNOW, IF YOU WANT TO GET INTO THIS AND START LOOKING AT HACKING IT, THIS IS REALLY WHAT YOU HAVE TO DO TO REMOVE THE PROTECTION, THERE IS A PLACE TO GO. I DON'T KNOW HOW THESE GUYS STAY IN BUSINESS. [dealdatabase.com/forum](http://dealdatabase.com/forum) THIS IS THE DEFINITIVE PLACE ON ANYTHING YOU CAN DO TO YOUR SERIES TWO TIVO IS ON HERE. THEY DON'T ALLOW YOU TO TALK ABOUT HACKING TIVO TO GO OR HACKING DIRECT T.V. I SHOULD SAY BUT TIVO TO GO, THEY TALK ABOUT AT LEAST MODIFYING, TO THE DEGREE THAT YOU CAN. THERE REALLY ARE STRICT LIMITS ON WHAT YOU CAN DO WITH IT. ONE OF THE THINGS IS, AS I REMEMBER, YOU CAN'T BURN A DVD THAT YOU CAN JUST WATCH ON ANY PLAYER, INCLUDING WIN DVD, OTHERWISE THEY COULDN'T CHECK UP ON YOU. DOES THAT MAKE SENSE?

**Paul:** I'LL HAVE TO WATCH THEM ON MY PC.

**Leo Laporte:** YEAH WHICH STINKS. NOW LET'S SAY YOU REALLY WANT TO DO THIS,

THERE'S A COUPLE OF WAYS YOU CAN DO THIS. ONE YOU HAVE ANALOG OUTPUTS FROM YOUR TIVO THAT YOU COULD TAKE THE ANALOG FROM THE TIVO, PUT IT THROUGH A VIDEO CAPTURE CARD, SAY AN ALL IN WONDER OR ONE OF THE [indistinct] WIN TV CAPTURE CARDS AND TURN IT INTO BITS AND THEN BURN IT AND IT WILL BE FINE. BECAUSE YOU'RE NOT USING THE TIVO TO GO. YOU'RE EXTRACTING IT FROM THE TIVO VIA THE ANALOG PORTS. THEY LET YOU DO THAT, IT'S CALLED THE SO CALLED ANALOGUE HOLE. THEY LET YOU DO THAT BECAUSE IT DEGRADES THE QUALITY SOMEWHAT. SO YOU'RE NOT MAKING A PERFECT DIGITAL COPY.

**Paul:** IS THERE ANYTHING FROM SONIC SOLUTIONS, WHETHER WHERE THAT WORKS?

**Leo Laporte:** I THINK THE SONIC SOLUTIONS IS BASICALLY VIDEO CAPTURE. AND THAT'S EXACTLY-- LET ME JUST LOOK IT UP REAL QUICKLY TO MAKE SURE BUT I THINK THAT'S-- ENABLING DIGITAL MEDIA FROM HOLLYWOOD TO HOME. INTERESTING. YEAH...IT'S PROBABLY NOT GOING TO BE MUCH HELP ON YOUR TIVO. THE COPY PROTECTION THEY'RE USING, THE ENCRYPTION THEY'RE USING ON TIVO REALLY IS THERE TO KEEP YOU FROM-- IT'S TIVO TO GO BUT NOT TO GO TOO MUCH.

**Paul:** [Chuckling]

**Leo Laporte:** JUST A LITTLE. TIVO TO GO A LITTLE BIT. YOU CAN PUT IT ON YOUR PC, WATCH IT ON YOUR PC. YOU SHOULD BE ABLE TO BURN A DVD THAT YOU CAN WATCH. I HAVE TO LOOK IN THE RESTRICTIONS. I THINK YOU SHOULD BE ABLE TO BURN A DVD YOU CAN WATCH ON A DVD PLAYER BUT I COULD BE WRONG ON THAT. THE BEST PLACE TO GO FOR FINDING OUT WHAT YOU CAN DO AND HOW TO GET AROUND WHAT RESTRICTIONS THERE ARE IS [dealdatabase.com/forum](http://dealdatabase.com/forum). REALLY WHEN PEOPLE'S TIVOS GET FULL-- ONE OF THE WEIRD THINGS IS HUGH MAX AND OTHERS MAKE TIVOS WITH DVD BURNERS IN THEM.

**Paul:** YEAH IT'S JUST A MATTER OF HAVING TO BUY A NEW T.V.

**Leo Laporte:** YEAH, IT'S IT WEIRD THAT YOU CAN DO THAT BUT YOU CAN'T DO THAT WITH TIVO TO GO. I THINK THE BEST THING IS TO TAKE THE ANALOGUE OUTPUT AND PUT IT INTO YOUR COMPUTER WITH A CAPTURE CARD AND YOU CAN BURN IT OR JUST CONTINUE TO WATCH IT ON YOUR COMPUTER. I THINK THAT'S PRETTY MUCH YOUR CHOICES.

**Paul:** THANK YOU VERY MUCH.

**Leo Laporte:** THANK YOU FOR CALLING.

**Paul:** I ENJOY YOUR SHOW.

**Leo Laporte:** THANKS FOR LISTENING TO BOTH THE RADIO SHOW AND WATCHING THE LAB. HAVE A GOOD ONE. TAKE CARE. [Pop captions up]

**Leo Laporte:** COMING UP IN JUST A BIT, DO YOU LIKE TO FLY? DO YOU LIKE TO TRAVEL? DO YOU WANT TO SAVE MONEY? OF COURSE YOU! JOHNNY JET'S HERE. HE'S GOING TO SHOW US HOW TO DO ALL THE ABOVE. STAY RIGHT HERE. [Pop captions down] [Commercial]

**Leo Laporte:** WELCOME BACK TO THE LAB WITH LEO. ONE OF MY FAVOURITE GUESTS IS ON WITH US NOW. HE JUST SPENT THE LAST MONTH TRAVELLING 30,000 AIR MILES. LAST YEAR 22 COUNTRIES IN FIVE CONTINENTS. ACCORDING TO OUTSIDE MAGAZINE, HE HAS A DREAM JOB. JOHNNY JET, IT SAYS RIGHT HERE, IS A THREE STAR ON THE DREAM-O-METRE, THAT MEANS A GIG TO DIE FOR. HE GETS TO TRAVEL ALL AROUND THE WORLD SEARCHING OUT GREAT TRAVEL DEALS FOR YOU AND PUTTING THEM ON HIS WEBSITE AT johnnyjet.com JOHNNY'S HERE! LET'S SAY HELLO. LADIES AND GENTLEMEN, JOHNNY JET. GOOD YOU HAVE YOU BACK, WELCOME. SIT DOWN, SIT DOWN, LET'S TALK. LET'S TALK TRAVEL.

**Johnny Jet:** ALRIGHT.

**Leo Laporte:** YOU JUST GOT BACK FROM RIO.

**Johnny Jet:** I DID AND CYPRESS.

**Leo Laporte:** AND CYPRESS.

**Johnny Jet:** AND LONDON.

**Leo Laporte:** [Laughing] THAT'S HOW YOU PUT UP 30,000 MILES. WOW, DO YOU GET SICK OF SITTING ON A PLANE AFTER A WHILE?

**Johnny Jet:** I DON'T.

**Leo Laporte:** YOU DON'T MIND?

**Johnny Jet:** NO, I GO TO DIFFERENT WEBSITES, FIND THE BEST SEAT, TALK TO FLIGHT GATE AGENTS, GET UPGRADE. [Pop captions up]

**Leo Laporte:** THIS IS YOUR DREAM JOB.

**Johnny Jet:** OF COURSE.

**Leo Laporte:** AND IT'S ALL RESEARCH THAT'S THE BEAUTY OF IT. [Pop captions down]

**Johnny Jet:** ALWAYS BRING A BOX OF CHOCOLATES WITH YOU.

**Leo Laporte:** WHO'S THAT FOR?

**Johnny Jet:** THE GATE AGENTS, TO GET YOU UPGRADED.

**Leo Laporte:** [Chuckling] I'M GOING TO REMEMBER THAT, VERY IMPORTANT. REALLY DOES THAT WORK?

**Johnny Jet:** SOMETIMES.

**Leo Laporte:** DON'T THEY SEE THROUGH THAT?

**Johnny Jet:** SOMETIMES.

**Leo Laporte:** [Laughing] NOT WITH THAT SMILE. IT'S THE JOHNNY JET SMILE THAT DOES IT. SO TODAY WE'RE GOING TO TALK ABOUT INTERNATIONAL TRAVEL. LET'S SAY YOU'RE LIKE KATE, YOU WANT TO GO BACK TO ENGLAND OR YOU'RE LOOKING FOR SOMEWHERE TO GO. HOW DO WE GET THE BEST DEALS?

**Johnny Jet:** I JUST FOUND HER A DEAL, JUST NOW WAITING.

**Leo Laporte:** THIS IS WHAT I LOVE. FIRST OF ALL, ALWAYS GO TO [johnnyjet.com](http://johnnyjet.com)

**Johnny Jet:** OF COURSE, GO TO [johnnyjet.com](http://johnnyjet.com) SIGN UP FOR OUR FREE WEEKLY NEWSLETTER, YOU DO IT RIGHT IN THERE. [Pop captions up]

**Leo Laporte:** SINCE 1999 YOU'VE BEEN DOING THIS. YOU REALLY HAVE A GREAT DATABASE OF DEALS AND HOW TO FIND THE BEST AIRFARE AND THINGS LIKE TRAVEL, FINDING THE BEST SEATS, TALKING TO THE GATE AGENTS AND STUFF LIKE THAT. [Pop captions down]

**Johnny Jet:** BUT ANOTHER WEBSITE THAT YOU SHOULD SIGN UP FOR OR NEWSLETTER IS [airfarewatchdog.com](http://airfarewatchdog.com) WHAT THEY DO IS THEY ALERT YOU WHENEVER THERE'S A DEAL. [Pop captions up]

**Johnny Jet:** I WAS JUST LOOKING, THERE'S A DEAL FROM TORONTO TO MANCHESTER U.K. FOR \$364 ROUNDTrip INCLUDING ALL TAXES.

**Leo Laporte:** THAT'S A GOOD PRICE ISN'T IT KATE? \$364? [Pop captions down]

**Kate Abraham:** REALLY GREAT.

**Johnny Jet:** THAT'S INSANE.

**Leo Laporte:** NOW IS THAT BECAUSE YOU HAVE TO BE ABLE TO DROP EVERYTHING AND TRAVEL? IS FLEXIBILITY--

**Johnny Jet:** THIS ONE HAS CERTAIN DATES BUT OTHERS, YOU NEVER KNOW. THERE'S OTHER DEALS-- THERE'S ANOTHER ONE TO LONDON FOR \$529 SO IT ALL DEPENDS ON THE CARRIER AND THE DATES.

**Leo Laporte:** AND WHETHER YOU WANT TO FLY TO MANCHESTER. [Laughing] WHICH ISN'T BAD.

**Johnny Jet:** THEY ALSO HAVE FORT LAUDERDALE FOR \$178 ROUND TRIP. IT'S A GOOD WEEKEND ESCAPE.

**Leo Laporte:** THAT'S COOL. SO YOU TOLD ME THAT YOU ARE PLANNING A TRIP IN TO EUROPE IN THE NEAR FUTURE AND YOU WANT TO FROM WHERE, FROM NICE TO ROME?

**Johnny Jet:** YES I'M GOING TO BE IN NICE--

**Leo Laporte:** SOME PEOPLE, WHAT A TOUGH LIFE.

**Johnny Jet:** SO I LOGGED ONTO THE SEARCH ENGINES AND IT CAME OUT, FOR ONE WAY TICKET ON THE BIG CARRIERS \$729.

**Leo Laporte:** \$729--

**Johnny Jet:** \$729 FOR A ONE WAY TICKET. THAT'S RIDICULOUS. SO I PUT IN A ROUND TRIP, WHICH IS OLD SCHOOL THINKING BECAUSE- -

**Leo Laporte:** IT USUALLY COSTS TWICE AS MUCH RIGHT?

**Johnny Jet:** BUT IT COSTS \$220.

**Leo Laporte:** WHAT?! SO SOMEHOW THEIR COMPUTERS ARE MESSED UP--

**Johnny Jet:** THAT'S JUST AN OLD WAY OF PRICING.

**Leo Laporte:** CHEAPER IN ROUND TRIP.

**Johnny Jet:** YOU THROW AWAY THE SECOND, THE RETURN TICKET--

**Leo Laporte:** OH YOU DON'T TAKE THAT SECOND TRIP?

**Johnny Jet:** NO BUT DON'T TELL EM I TOLD YOU THAT BECAUSE IT'S AGAINST AIRLINE POLICY AND THEY CAN TAKE AWAY YOUR MILES.

**Leo Laporte:** THEY MAY NOT LIKE--

**Johnny Jet:** THEY DON'T LIKE THAT CAUSE IT'S KIND OF BEATING IT BUT I STILL WASN'T HAPPY WITH THE \$220.

**Leo Laporte:** YOU WANT CHEAPER THAN THAT? [Pop captions up]

**Johnny Jet:** I WANT CHEAPER. SO I WENT TO [whichbudget.com](http://whichbudget.com). THESE GUYS HAVE 116 AIRLINES, ALL BUDGET IN 120 COUNTRIES.

**Leo Laporte:** THAT'S THE NEW THING. NOT NEW NECESSARILY BUT THERE'S A LOT OF LOW PRICED AIRLINES-- [Pop captions down]

**Johnny Jet:** SURE, THEY'RE ALWAYS POPPING UP. SO I PUT THAT I WANT TO GO FROM NICE, AND THEN I GO TO NICE AND THEN IT BRINGS UP ALL THE DIFFERENT OPTIONS.

**Leo Laporte:** THEY DON'T SPEND A LOT OF MONEY ON THE WEBSITE DO THEY? THAT'S ALRIGHT.

**Johnny Jet:** THE WEBSITE IS BUDGET. [Both laughing]

**Leo Laporte:** WE'RE LOOKING FOR A GOOD DEAL.

**Johnny Jet:** SO I WANT TO GO TO ITALY. SO ROME, THERE'S BLUEEXPRESS AND I BOUGHT THIS A FEW DAYS AGO. I GOT IT FOR 49 EUROS.

**Leo Laporte:** THAT'S A LOT LESS.

**Johnny Jet:** WHICH IS \$66 U.S..

**Leo Laporte:** THAT'S INCREDIBLE COMPARED TO \$729. SO NOW HERE'S A QUESTION. HOW DO YOU KNOW ABOUT THAT AIRLINE? IS IT AN OKAY AIRLINE? WHAT DO WE DO?

**Johnny Jet:** BEFORE I BOOKED IT I DID SOME RESEARCH AND BLUE EXPRESS IS A BAND NEW AIRLINE BUT THEY FLY ALL NEW 737S.

**Leo Laporte:** YOU'VE GOT TO BE CAREFUL ON THESE NEW AIRLINES BECAUSE THEY COME AND GO.

**Johnny Jet:** THEY DO AND THAT'S WHY YOU DON'T WANT TO BOOK TOO FAR IN ADVANCE.

**Leo Laporte:** MAKE SURE THEY'RE STILL IN BUSINESS BY THE TIME YOU FLY. WHAT OTHER TIPS DO YOU HAVE FOR US?

**Johnny Jet:** OKAY, LET'S SAY YOU'RE GOING TO INTERNATIONAL, INSTEAD OF JUST FLYING FROM HERE TO AUSTRALIA, YOU MIGHT WANT TO DO A ROUND THE WORLD TICKET.

**Leo Laporte:** LOOK AT THIS, THIS IS SO COOL. BEAUTIFUL SITE, TRIP PLANNER HUH? [Pop captions up]

**Johnny Jet:** YEAH, THIS IS BY [airtreks.com](http://airtreks.com) I PUT IN MOST OF THE LEGS, I WENT FROM VANCOUVER TO NEW YORK, PARIS, BANGKOK, SYDNEY AND NOW I'M GOING TO PUT IN HAWAII AND THEN FINISH IT OFF IN VANCOUVER.

**Leo Laporte:** ARE YOU DOING A ROUND THE WORLD TRIP? [Pop captions down]

**Johnny Jet:** YOU CAN NEVER DO THIS A FEW YEARS AGO, BUT THANKS TO THE INTERNET--

**Leo Laporte:** AND IT'S DIFFERENT CARRIERS AND EVERYTHING RIGHT? IT COULDN'T ALL BE THE SAME CARRIERS.

**Johnny Jet:** THERE'LL BE DIFFERENT CARRIERS BUT LET'S FIND OUT WHAT THIS PRICE IS.

**Leo Laporte:** ROUND THE WORLD--

**Johnny Jet:** \$2,800.

**Leo Laporte:** WHAT?

**Johnny Jet:** \$2,800. IF YOU'RE GOING TO BUY A TICKET FROM HERE TO AUSTRALIA, IT'S GOING TO BE \$1,600 PROBABLY.

**Leo Laporte:** SO FOR \$1,200 MORE YOU CAN GO AROUND THE WORLD.

**Johnny Jet:** YEAH.

**Leo Laporte:** NOW YOU DON'T HAVE TO DO THIS ALL IN ONE WEEK? YOU CAN SPREAD THAT OUT.

**Johnny Jet:** YOU CAN DO IT IN SIX MONTHS.

**Leo Laporte:** TRIP PLANNER, I WONDER IF SARAH AND BRENDAN USE THAT WHEN THEY WERE AROUND--

**Johnny Jet:** IT'S CALLED TRIP PLANNER BUT THE WEBSITE'S [airtreks.com](http://airtreks.com) AND THEY'RE BASED IN SAN FRANCISCO.

**Leo Laporte:** VERY COOL.

**Johnny Jet:** I LOVE IT. SO IF YOU'RE GOING TO GO TO EUROPE AND YOU'RE GONG TO BE THERE FOR MORE THAN 21 DAYS, DON'T RENT A CAR, LEASE ONE.

**Leo Laporte:** LEASE IT?

**Johnny Jet:** YOU GET A BRAND NEW CAR EVERY TIME. YOU GET THE ONE THAT YOU PICKED. YOU GET TAX INCLUDED WHICH SAVES YOU ABOUT 18%. [Pop captions up]

**Johnny Jet:** YOU CAN BE 18 YEARS OLD, MOST CAR RENTALS YOU NEED TO BE 23.

**Leo Laporte:** IS IT LESS EXPENSIVE?

**Johnny Jet:** IT IS LESS EXPENSIVE WHEN YOU FACTOR EVERYTHING ELSE IN BUT YOU CAN TRAVEL TO 28 DIFFERENT COUNTRIES AND DROP OFF IN 36 DIFFERENT LOCATIONS. [Pop captions down]

**Leo Laporte:** AND RENAULT DOES THIS?

**Johnny Jet:** THIS IS EURO DRIVE AND YOU CAN DO IT IN AUSTRALIA, CANADA, U.S. YOU CAN'T BE A EUROPEAN TO DO THIS.

**Leo Laporte:** OF COURSE NOT, THEY WOULD TAKE ADVANTAGE-- THIS IS PROBABLY THEIR IDEA OF GETTING YOU TO LIKE RENAULT CARS BUT WHAT THE HECK, IT'S A GOOD DEAL. IN FACT, WHEN I RENT A CAR IN FRANCE I RENT RENAULTS, USUALLY.

**Johnny Jet:** THEY HAVE ALL DIFFERENT SIZES.

**Leo Laporte:** THAT'S REALLY COOL. SO THAT'S RENAULT OWN SITE.

**Johnny Jet:** THIS IS THE U.S.A. SITE BUT JUST HIT EURODRIVE AND YOU'LL FIND IT.

**Leo Laporte:** ONE MORE.

**Johnny Jet:** I WAS IN RIO AND I NEEDED SOME HELP--

**Leo Laporte:** PORTUGUESE-- [Pop captions up]

**Johnny Jet:** IN LONDON I WAS CHECKING OUT THE BBC.COM AND THEY HAVE A WHOLE SECTION ON HOW TO SPEAK DIFFERENT LANGUAGES, 34 DIFFERENT LANGUAGES, CHINESE, PORTUGUESE AND YOU CAN DOWNLOAD IT TO YOUR MP3 AND-- [Pop captions down]

**Leo Laporte:** AND YOU CAN LISTEN.

**Johnny Jet:** YOU CAN LISTEN, I'M NOT SURE IF YOU HAVE AUDIO ON THIS BUT YOU CAN JUST--

**Leo Laporte:** I DON'T THINK WE DO BUT THAT'S REALLY COOL.

**Johnny Jet:** OBLIGATO.

**Leo Laporte:** OBLIGATO?

**Johnny Jet:** IT MEANS THANK YOU. IF YOU'RE A WOMAN YOU SAY OBLIGATA.

**Leo Laporte:** YOU LEARNED THAT VERY QUICKLY. DID YOU LEARN "I'M SORRY AND I'LL BE OUT OF HERE IN A MOMENT?"

**Johnny Jet:** I TRIED.

**Leo Laporte:** [Laughing] JOHNNY EVERY TIME YOU COME ON YOU MAKE ME WANT TO TRAVEL. [Pop captions up]

**Leo Laporte:** GO TO [johnnyjet.com](http://johnnyjet.com) AND THAT'S THE ONE DISCLAIMER I'M GOING TO GIVE YOU, YOU'RE GOING TO WANT TO GO SOMEWHERE AS SOON AS YOU GET THERE. [Pop captions down]

**Leo Laporte:** IT IS REALLY, REALLY FUN. I LOVE SEEING YOU AND DON'T RACK UP TOO MANY MILES THIS MONTH. HE LOVES TO DO IT. WHILE WE'RE ON THE SUBJECT, LET'S TALK ABOUT GETTING CLOSE, UP CLOSE AND PERSONAL TO SOME TECH OBJECT. THIS IS A CLOSE UP PICTURE THAT SEAN CARRUTHERS TOOK OF SOMETHING. DON'T KNOW WHAT IT IS? TELL YOU WHAT, STICK AROUND WE'LL ZOOM OUT AND FIND OUT WHEN THE LAB CONTINUES. [Commercial]

**Leo Laporte:** THERE IT IS A CLOSE UP SHOT OF SOMETHING OR OTHER. IT'S SOMETHING TO DO WITH TECH, SOMETHING YOU FIND AROUND THE LAB. LET'S ZOOM OUT AND FIND OUT WHAT IT IS. OH IT'S A BLACKBERRY! OF COURSE. AND SEAN CARRUTHERS DOES

THAT WITH HIS SUPER EXTRA SUPER DUPER MACRO LENS. LOOK HOW CLOSE! HE'S TAKING A PICTURE OF YOUR NOSE, RIGHT THERE! WATCH FOR THAT ON ANOTHER EPISODE OF WHAT THE HECK IS IT? [Chuckling] THAT'S A BIG MACRO, WIDE ANGLE LENS. LET'S GET ANOTHER CALLER-- OH, BEFORE WE DO I JUST WANT TO MENTION, I WAS DOING A LITTLE RESEARCH ON BURNING TIVO TO GO FILES. THEY ARE TIVO FILES AND THE TRICK IS TO CONVERT THEM AND I GUESS YOU CAN CONVERT THEM AND THIS IS PROBABLY WHY TIVO TO GO IS NO MORE BECAUSE THE CABLE COMPANIES DIDN'T LIKE THIS SO MUCH BUT THIS IS THE PROGRAM THAT PEOPLE SEEM TO RECOMMEND ON THE FORMS. [Pop captions up]

**Leo Laporte:** VIDEOREDO IS THE NAME OF IT, THE SUPER FAST MPG EDITOR. IT'S videoredo.com AND APPARENTLY THIS WILL WORK WITH TIVO, SO THIS WILL TAKE THE TIVO FILES, CONVERT THEM TO [indistinct] FILES THAT YOU CAN THEN BURN INTO A DVD THAT WILL PLAY ON ANYTHING. [Pop captions down]

**Leo Laporte:** SO, THERE YOU GO. I GUESS IT IS POSSIBLE. AND VIDEOREDO SEEMS TO BE THE PROGRAM. THEY HAVE A TWO WEEK FREE TRIAL SO YOU CAN SEE IF IT WILL DO THE JOB YOU WANT. NOW LET'S GET ANOTHER CALL ON THE AIR. SEE SOMETIMES IT TAKES ME A LITTLE EXTRA TIME TO ANSWER THE QUESTION. WHO DO YOU HAVE FOR ME NEXT?

**Kate Abraham:** NEXT CALLER IS SEAN, HE'S VIA SKYPE FROM KITCHENER IN ONTARIO.

**Leo Laporte:** HEY SEAN HOW ARE YOU?

**Sean:** PRETTY GOOD LEO, HOW YA DOING?

**Leo Laporte:** WELCOME, WHAT A GREAT PICTURE WE'RE GETTING FROM YOU SEAN. THAT LOOKS FANTASTIC. AND WHO IS THAT BEHIND YOU, IS THAT YOUR OWN ARTWORK THERE?

**Sean:** YUP, THAT WOULD BE ONE OF MINE.

**Leo Laporte:** I LIKE THAT.

**Sean:** THANK YOU VERY MUCH.

**Leo Laporte:** WHAT DO YOU WORK IN OILS?

**Sean:** THAT'S ACRYLIC.

**Leo Laporte:** ACRYLIC.

**Sean:** IT'S ACTUALLY A PIECE THAT'S GONE WITH ME TO ART SCHOOL YEARS AGO. IT'S LONNY AND DONNY. [Pop captions up]

**Leo Laporte:** LONNY AND DONNY. I LOVE IT. THAT'S GREAT. DO YOU STILL PAINT OR IS THAT SOMETHING AS YOU GET OUT OF SCHOOL YOU'RE GOING TO LEAVE BEHIND? [Pop captions down]

**Sean:** I STILL PAINT. I DO PAINTINGS FOR MY KIDS. I DO COMMISSIONED PIECES AS WELL.

**Leo Laporte:** THAT'S GREAT.

**Sean:** A RENAISSANCE MAN.

**Leo Laporte:** A RENAISSANCE MAN WELL WHAT CAN I DO TO HELP YOU?

**Sean:** A QUESTION, I RECENTLY BEEN USING A RENDERING PROGRAM CALLED PODIUM FOR SKETCH UP.

**Leo Laporte:** YES.

**Sean:** I DON'T KNOW HOW FAMILIAR MOST PEOPLE ARE WITH SKETCH UP BUT AS YOU NOW, YOU CAN'T REALLY RENDER TOO PHOTOREALISTICALLY IN SKETCHUP.

**Leo Laporte:** RIGHT. IT'S JUST BLOCKY STUFF.

**Sean:** IT IS. I'M WONDERING, I MEAN PODIUM IS A FANTASTIC PLUG IN THAT YOU CAN PURCHASE. IT GIVES YOU SOME FANTASTIC PHOTO REALISTIC EFFECTS AND WHAT NOT BUT I'M WONDERING IF THERE'S ANYTHING ELSE OUT THERE THAT YOU CAN RECOMMEND THAT MATCHES SKETCH UP FOR EASE OF USE AND PRICE POINT.

**Leo Laporte:** PRICE POINT OF SKETCH UP IS GREAT, AS IN FREE, ALTHOUGH THERE IS A PRO VERSION YOU CAN BUY THAT'S A LITTLE MORE EXPENSIVE. [Pop captions up]

**Sean:** THAT'S THE ONE THAT I USE BECAUSE I ALSO DO A LOT OF SANDBOX WORK. A LOT OF GEOGRAPHY WORK WITH IT FOR FILM AND T.V. [Pop captions down]

**Leo Laporte:** NOW THAT GOOGLE OWNS IT, THEY REALLY INTEGRATED INTO GOOGLE MAPS, GOOGLE EARTH, BUT YOU'RE RIGHT, IT'S NOT DESIGNED TO DO REALISTIC LOOKING THINGS. YOU CAN MAP TEXTURES AND STUFF AS WE HAVE SHOWN ON THE SHOW BUT YOU CAN'T REALLY MAKE IT LOOK LIKE, TOY STORY 2 OR SOMETHING LIKE THAT. OF COURSE A LOT PEOPLE USE MYA. THEY USE, THERE ARE A LOT OF HIGH END 3D PACKAGES BUT THEY'RE THOUSANDS AND THOUSANDS OF DOLLARS. ON EASE OF USE, I THINK THIS IS PROBABLY AS EASY TO USE AS SKETCH UP BUT IT'S VERY VERY POWERFUL AND THE GOOD NEWS IS IT'S ABSOLUTELY FREE, IT'S CALLED BLENDER. HAVE YOU HEARD OF BLENDER?

**Sean:** NO ACTUALLY THAT'S ONE I HAVEN'T-- [Pop captions up]

**Leo Laporte:** YEAH, THIS WAS RYAN'S FREE FILE A LITTLE WHILE AGO, blender.org, IT IS A FREE OPEN SOURCE 3D CONTACT CREATION SUITE. AND BECAUSE IT'S OPEN SOURCE, THERE'S ACTUALLY QUITE ACTIVE DEVELOPMENT. [Pop captions down]

**Leo Laporte:** IT DOES VERY POWERFUL 3D. IN FACT, IF YOU LOOK AT THE GALLERY YOU'LL GET AN IDEA. IT'S NOT VIDEO, IT'S ILLUSTRATION BUT THAT'S WHAT YOU WANT, YOU DON'T WANT MOVIES, YOU WANT 3D RENDERINGS.

**Sean:** YEAH I'M WORKING WITH RENDERINGS RIGHT NOW, DIFFERENT LIGHT SOURCES--

**Leo Laporte:** EXACTLY.

**Sean:** DOES IT DO ATMOSPHERE AND ENVIRONMENT AS WELL?

**Leo Laporte:** YES IT DOES AND IT'S QUITE-- LOOK AT THIS, THIS IS STUNNING. THIS IS VERY PHOTOREALISTIC. IN FACT, YOU WANT SOME OUTDOOR STUFF, HERE'S A TRAIN, IT'S GOT THE LIGHTNING AND EVERYTHING. THE ONE COMPLAINT PEOPLE HAVE ABOUT BLENDER IS THAT IT'S HARD TO USE. THE GOOD NEWS IS THERE'S A LOT OF BLENDER USERS AND THERE'S A LOT OF VERY ACTIVE BLENDER COMMUNITIES SO THERE ARE CERTAINLY WAYS YOU CAN GET HELP AND LEARN MORE ABOUT IT. I THINK FOR THE PRICE, THIS IS REMARKABLE.

**Sean:** YOU SAID IT'S FREE RIGHT?

**Leo Laporte:** FREE.

**Sean:** THAT'S PRETTY GOOD.

**Leo Laporte:** THAT'S A PRETTY GOOD PRICE. LOTS OF TUTORIAL ONLINE. blender.org I'D BE VERY CURIOUS AS A GUY WITH YOUR TALENTS AS AN ARTIST, COULD DO WITH BLENDER. I WOULD LOVE TO SEE WHAT YOU DO WITH BLENDER. I THINK THAT-- AS ANY 3D PROGRAM, EVEN SKETCH UP IS A LITTLE INTIMIDATING AT FIRST, BUT MYA, YOU GO WHOA, IT'S OVERWHELMING AT FIRST. THIS IS NOT MUCH DIFFERENT BUT I THINK THAT YOU'LL FIND IT GETS GOING PRETTY QUICKLY AND IT CERTAINLY HAS ALL OF THE FEATURES THAT YOU WANT PLUS IT SUPPORTS ALL FILE FORMATS IN THAT YOU'D WANT. I THINK THERE'S TO BE SAID FOR THAT.

**Sean:** MYA AND 3D STUDIO--

**Leo Laporte:** SO YOU KNOW BUT DO YOU USE THOSE AT WORKED? [Pop captions up]

**Sean:** THOSE ARE THINGS I DO IN MY SPARE TIME, TO GET MORE PROFICIENT WITH MORE PROGRAMS. THE ONE I USE A LOT AT WORK, PRICE POINT WISE IT'S GREAT BUT IT'S STILL IN DEVELOPMENT. [Pop captions down]

**Sean:** THERE'S A COUPLE OF BETAS OUT THERE AND IT'S AN AMAZING PROGRAM AND WORTH CHECKING OUT--

**Leo Laporte:** TELL ME THE NAME OF THAT?

**Sean:** IT'S CALLED PODIUM, P- O-D-I-U-M.

**Leo Laporte:** I'LL CHECK IT OUT AND IT'S FOR USING WITH SKETCH UP.

**Sean:** AND THE RENDERINGS ARE PHENOMENAL. THERE ARE A FEW THINGS THAT ARE STILL IN DEVELOPMENT. I'VE DONE SOME BETA TESTING FOR IT.

**Leo Laporte:** WOW, LOOK AT THAT.

**Sean:** THERE'S SOME AMAZING STUFF ON THERE.

**Leo Laporte:** THIS IS QUITE AMAZING. YEAH, THIS IS AMAZING. IT'S PHOTOREALISTIC RENDERING FROM SKETCH UP BUT IT'S NOT AS MUCH AS YOU'D LIKE TO SEE-- IT'S \$179, IT'S NOT BAD, THE STUDENT TEACHER IS \$79, THAT'S A VERY GOOD DEAL BUT YOU WANT MORE, A LITTLE MORE CAPABILITY.

**Sean:** FOR FILM AND T.V. THAT'S WHAT I WORK IN, YOU WANT TO HAVE SOME FOG, SOME RAIN, BE ABLE TO RENDER--

**Leo Laporte:** I'D LOVE TO GET YOUR OPINION ON BLENDER ACTUALLY BECAUSE YOU'VE USED WAVEFRONT, YOU'VE USED MYA, YOU'VE USED THESE HIGH END PROGRAMS, STUDIO 3, I'D LOVE TO SEE WHAT YOU THINK OF BLENDER. MANY PEOPLE TELL ME IT'S COMPARABLE TO STUDIO 3D.

**Sean:** OH REALLY? RECENTLY I'VE STARTED MESSING AROUND WITH MAXON'S PACKAGE--

**Leo Laporte:** YEAH ALEX LINDSAY LOVES THAT MAXON.

**Sean:** JUST STARTED SCRATCHING THE SURFACE OF THAT- -

**Leo Laporte:** IT'S AN EXCITING WORLD WE LIVE IN. YOU CAN USE THESE TOOLS AND DO AMAZING STUFF. YOU'VE COME A LONG WAY FROM THE ACRYLICS AND OF COURSE, WITH SOMEONE WITH ART SKILLS LIKE THAT I'D LOVE TO SEE WHAT YOU CAN DO. PLEASE TAKE A LOOK AT BLENDER AND TELL ME WHAT YOU THINK. SEND ME AN EMAIL WILL YA?

**Sean:** I WILL INDEED.

**Leo Laporte:** THANK YOU FOR THE CALL.

**Sean:** THANK YOU VERY MUCH LEO. I LOVE THE SHOW AND I'M GLAD TO SEE YOU'RE STILL ON THE AIR.

**Leo Laporte:** THEY CAN'T KEEP ME OFF THE AIR, THEY TRY BUT THEY CAN'T. [Chuckling] HAVE A GREAT DAY.

**Sean:** YOU TOO, THANK YOU.

**Leo Laporte:** THANKS A LOT. YEAH BLENDER IS A FASCINATING COMMUNITY AND IT'S CERTAINLY A VERY ACTIVE COMMUNITY. FOR A WHILE IT WENT AWAY BUT I'M GLAD TO SEE IT'S BACK. ARE YOU READY TO TAKE OUR QUIZ? YOU WANT TO TAKE OUR QUIZ QUESTION? ALRIGHT HERE WE GO, LET'S SEE HOW SMART YOU ARE. THIS IS THE QUESTION OF THE DAY. [Blank for boards]

**Leo Laporte:** GO TO THE WEBSITE, GIVE US THE ANSWER. WE'LL TALK ABOUT IT A LITTLE

LATER ON AS THE LAB CONTINUES, YES. [Commercial]

**Leo Laporte:** WELCOME BACK TO THE LAB WITH LEO. I THINK WE NEED ANOTHER CALL. I MAY BE WRONG BUT I THINK THIS NEXT SEVEN MINUTES IS EMPTY WITHOUT ANYTHING UNLESS WE TAKE A CALL.

**Kate Abraham:** I THINK WE NEED TO SPEAK TO DOUG FROM CALGARY IN ALBERTA.

**Leo Laporte:** THANK YOU FOR BEING HERE DOUG. HELLO DOUG, WELCOME TO THE LAB. WHAT CAN I DO FOR YOU?

**Doug:** HEY LEO, HOW YA DOING?

**Leo Laporte:** I'M GREAT, HOW ARE YOU?

**Doug:** I'M HAVING A PROBLEM WITH WINDOWS VISTA.

**Leo Laporte:** WELL YOU AND EVERY-- I'M SORRY, CALM DOWN. WHAT'S YOUR PROBLEM WITH WINDOWS VISTA?

**Doug:** BEFORE I USED WHAT THEY CALL REGISTRY CLEANER.

**Leo Laporte:** OKAY. [Pop captions up]

**Doug:** AND USED IT FAITHFULLY, IT'S ALWAYS DONE WHAT I NEEDED TO DO. I TRY WITH VISTA AND IT DOESN'T DO WHAT IT'S SUPPOSED TO DO. [Pop captions down]

**Leo Laporte:** WELL THAT'S NOT SO GOOD. NOW DO YOU LIKE REGISTRY CLEANERS?

**Doug:** I DON'T MIND THEM.

**Leo Laporte:** [Laughing] I DON'T MIND THEM EITHER. ACTUALLY I DO MIND THEM A LITTLE BIT. [Pop captions up]

**Leo Laporte:** I'LL TALK ABOUT REGISTRY CLEANERS AND I'LL GIVE YOU TWO THAT WILL WORK WITH VISTA, ONE FREE, ONE NOT FREE BUT WELL WORTH IT. I'M NOT A BIG FAN OF REGISTRY CLEANERS. WE'VE TALKED ABOUT THIS BEFORE. I THINK SEAN YOU AND ANDY DID A TEST OF REGISTRY CLEANERS JUST TO SEE IF THEY SPED THE SYSTEM UP AT ALL. [Pop captions down]

**Sean Carruthers:** YEAH, WE DID A NUMBER OF TESTS WITH VARIOUS THINGS THAT YOU COULD SPEED THE SYSTEM UP WITH AND WHEN WE DID THE REGISTRY CLEANER TEST, WE FOUND NO BENEFIT IN SPEED WHATSOEVER TO IT. NOW IT COULD CLEAN UP SOME OF THE CRUNGE IN THE BACKGROUND BUT IT MAY NOT GIVE YOU--

**Leo Laporte:** I THINK IT'S PSYCHOLOGICAL. IT'S LIKE WHEN YOU WASH YOUR CAR IT RUNS BETTER. YOU KNOW THAT THE REGISTRY IS SITTING THERE WITH ALL SORTS OF BAD ENTRIES. THE REGISTRY, FOR THOSE WHO DON'T UNDERSTAND, IS A COUPLE OF FILES. IT LOOKS LIKE ONE BIG BINARY FILE THAT YOU CAN'T JUST OPEN UP, YOU HAVE TO USE

THE REGISTRY EDITOR TO LOOK AT. THERE'S ALL THIS STUFF IN IT. ALL THE SETTINGS FOR WINDOWS. ALL THE SETTINGS FOR ALL THE PROGRAMS ARE IN THERE. ALL IN THIS ONE BIG BLOB. WHAT HAPPENS IS THIS BLOB GETS BLOATED, A BLOATED BLOB DOESN'T SOUND GOOD DOES IT? IT GETS BLOATED JUST BECAUSE INSTALLED PROGRAMS, UNINSTALL, BUT UNINSTALL DOESN'T REMOVE BITS AND PIECES. SOMETIMES THERE'S STRAY ENTRIES IN THERE ... "CRUNGE" AS YOU SAY. AND THE IDEA OF A REGISTRY CLEANER IS THAT IT GOES THROUGH THE REGISTRY AND SAYS DOES THIS BELONG TO ANYBODY, ANYONE WANT TO CLAIM THIS? AND IF NO ONE CLAIMS IT, YOU GET A CHANCE TO THROW IT OUT. HERE'S MY PROBLEM WITH IT. FIRST OF ALL UNLESS YOU HAVE A SEVERE PROGRAM, UNLESS YOU REALLY MESSED UP, THOSE EXTRA ENTRIES REALLY DON'T COST ANYTHING. THEY'RE JUST SITTING THERE. THERE CAN BE A COST USING A REGISTRY CLEANER IF IT DELETES SOMETHING YOU NEED OR CORRUPTS A REGISTRY, YOU CAN MAKE A SYSTEM THAT'S UNBOOTABLE. SO IF WE DON'T SEE ANY BENEFIT FROM IT AND THE RISKS ARE IN FACT GREAT, I'M NOT SURE I CAN RECOMMEND A REGISTRY CLEANER.

**Sean Carruthers:** ANDY ACTUALLY STILL LOVES REGISTRY - - [Pop captions up]

**Leo Laporte:** HE'S THE REGISTRY CLEANER GUY EVEN THOUGH YOU DID THAT TEST WITH HIM.

**Sean Carruthers:** I WOULDN'T RECOMMEND IT MYSELF IF YOU DON'T REALLY NEED IT. [Pop captions down]

**Leo Laporte:** HOW DO YOU KNOW IF YOU NEED IT? WELL YOU DON'T REALLY KNOW. IF YOUR SYSTEM'S REALLY SLOW IT COULD BE SO MANY OTHER THINGS. HERE'S ANOTHER VOICE AND A GUY I REALLY TRUST. FRED LANGA WHO WROTE THE LANGALIST FOR YEARS AND IS NOW PART OF THE WINDOWS SECRET NEWSLETTERS AT [windowssecrets.com](http://windowssecrets.com) HE SAYS ARE REGISTRY CLEANERS WORTHWHILE? I'M GOING TO PUT A LINK IN THE SHOW NOTES TO THIS ARTICLE. ARE REGISTRY CLEANERS WORTHWHILE? HE SAYS FOR SOME REGISTRY CLEANERS ARE WORTHWHILE. HE SAYS FOR SOME REGISTRY CLEANERS ARE A WASTE OF TIME, FOR OTHERS IT'S ESSENTIALS. HE TALKS ABOUT THE WHYS AND THE HOWS. HE RECOMMENDS THEM, BUT I DON'T THINK IT'S REALLY NECESSARY. I DON'T THINK REGISTRY BLOAT HAS REALLY PROVEN TO BE A REAL PROBLEM. ONE THING I AM GOING TO GO WITH IS HIS RECOMMENDATION FOR THE TOOLS. HE RECOMMENDS TWO, ONE IS CALLED EASYCLEANER, HERE WE'LL LAUNCH EASYCLEANER. THIS IS ABSOLUTELY FREE. BUT WHAT HE SAYS ABOUT EASYCLEANER IS THAT IT'S NOT AS SLICK AS HIS OTHER CHOICE WHICH IS CALLED JV16, IT'S FROM THE JV16 POWERTOOLS. ACTUALLY THE JV16 POWERTOOLS ARE MORE THAN JUST A REGISTRY CLEANER, THEY'RE A WHOLE BUNCH MORE. [Pop captions up]

**Leo Laporte:** YOU CAN TRY THEM FREE, I THINK FOR A MONTH BUT LOOK WHAT YOU GET, YOU GET ALL THIS OTHER STUFF WHICH I THINK IS USEFUL LIKE DUPE KILLERS AND FILE ORGANIZERS, DISK WIPERS, START MENU FIXER. [Pop captions down]

**Leo Laporte:** AND A GOOD REGISTRY EDITOR, MONITOR, COMPACTOR AND CLEANER. IT'S \$30 IF YOU DECIDE TO BUY IT. IT DOES WORK WITH VISTA, IT'S 100% VISTA COMPATIBLE. MICROSOFT DOESN'T LIKE THE REGISTRY MUCH EITHER BY THE WAY. THEY DIDN'T WANT TO GET RID OF THE REGISTRY IN VISTA. THEY THOUGHT THIS IS NOT A GOOD WAY

TO DO IT. MOST MODERN OPERATING SYSTEMS DON'T USE THIS BIG GIANT SINGLE FILE FOR THE OBVIOUS PROBLEMS THAT WE WERE TALKING ABOUT, IT'S SO EASY TO IT MESSED UP BUT BECAUSE THEY HAD TO PRESERVE COMPATIBILITY WITH ALL THE EXISTING WINDOWS SOFTWARE, THEY COULDN'T VERY WELL THROW IT OUT. THEY WERE STUCK WITH IT. THEY HOPED TO GET RID OF IT, THEY CAN'T. I'M SURE THEY'RE GOING TO MOVE AWAY FROM THE REGISTRY IN TIME, IT'S A BAD IDEA, MEANWHILE, ONE OF THE REASONS WHY I INSTALL WINDOWS EVERY YEAR OR SO IS BECAUSE IT GIVES ME A FRESH REGISTRY. IF YOU DON'T WANT TO DO THAT AND YOU REALLY FEEL THE NEED TO CLEAN UP, THESE JV16 POWERTOOLS ARE PROBABLY MY BEST RECOMMENDATION. THAT OR EASYCLEANER, EITHER ONE WILL WORK FOR YOU OK?

**Doug:** ALRIGHT.

**Leo Laporte:** THANK YOU FOR THE CALL. THEY BOTH WORK WITH VISTA, VISTA'S REGISTRY IS NOT MUCH DIFFERENT, I'M NOT SURE WHY YOUR OLD PROGRAM DIDN'T WORK BUT WE FOUND A LOT OF PROGRAMS JUST DON'T WORK WITH VISTA. IT HAS TO DO PROBABLY WITH USER ACCESS CONTROL OR SOME OF THE OTHER SECURITY FEATURES VISTA IMPLEMENTED.

**Doug:** I GOT A HOLD OF MICROSOFT AND TOLD THEM ABOUT IT, THEY TOLD ME TO TRY THE WINDOWS LIVE ONE CARE.

**Leo Laporte:** OF COURSE, THEY WANT YOU TO BUY THEIR PRODUCT AND IT DOESN'T DO ANY REGISTRY CLEANING AT ALL.

**Doug:** IT'S GARBAGE.

**Leo Laporte:** YES, WE FOUND IT, IT'S ONE OF THE WORST ANTIVIRUSES MADE. THANK YOU MICROSOFT. I WAS RECOMMENDING ONE CARE FOR A WHILE BECAUSE IT'S EASY TO USE BUT AS WE FOUND OUT, IT'S NOT A VERY GOOD ANTIVIRUS SO I'VE STOPPED RECOMMENDING IT. THANKS FOR THE CALL, I APPRECIATE IT.

**Doug:** ALRIGHT LEO, TAKE CARE.

**Leo Laporte:** EASYCLEANER IT'S FROM TONY ARTS AND JV16 IS FROM MACECRAFT. I THINK MOST WINDOWS USERS COULD BENEFIT FROM HAVING JV16 AROUND. ALWAYS A GOOD THING TO HAVE. LET'S TAKE A BREAK. [Pop captions up]

**Leo Laporte:** WHEN WE COME BACK, WE'RE GOING TO TAKE MORE OF YOUR CALLS, ANSWER MORE OF YOUR QUESTIONS, CUT THROUGH THE CRAZINESS THAT WE CALL COMPUTING AND TECHNOLOGY! STAY RIGHT HERE. [Pop captions down] [Commercial]

**Leo Laporte:** JUST TO UNDERSCORE WHAT I WAS SAYING ABOUT REGISTRY CLEANERS, EASYCLEANER HAS A LIST OF, THEY CALL IT A BLACK LIST, THINGS THAT EASYCLEANER WILL SKIP WHEN IT DOES ITS REGISTRY CLEANING SO THAT IT DOESN'T BREAK THINGS. AND IF YOU THINK A REGISTRY CLEANERS A GOOD IDEA, JUST READ THE LIST OF THINGS THAT HAPPEN BY ACCIDENT-- THESE ARE ALL THE THINGS THAT IT'S NOT GOING TO DELETE BECAUSE IT TURNS OUT IT CAUSES THINGS NOT TO WORK ANYMORE. [Pop captions up]

**Leo Laporte:** AND SO THESE ARE THINGS THAT THE REGISTRY CLEANER USED TO DELETE AND THEN THEY FOUND OUT, OH, IF WE DELETE THAT, SOMETHING'S NOT GOING TO WORK. [Pop captions down]

**Leo Laporte:** IT'S QUITE Q LONG LIST. MY SUGGESTIONS IS JUST STAY AWAY FROM EM. SEAN YOU'RE NOT GOING TO LIKE THIS BUT I'M INSTALLING IT RIGHT NOW.

**Sean Carruthers:** NO, NO, NO.

**Leo Laporte:** THIS IS A FRESH INSTALLATION OF WINDOWS VISTA SO IT COULDN'T DO ANY HARM. I ALREADY INSTALLED IT, LET'S RUN IT. MAYBE I'LL SAVE IT FOR LATER. WE SHOULD PROBABLY FINISH THE SHOW BEFORE I ACTUALLY MESS UP THE MACHINE.

**Sean Carruthers:** A VERY GOOD IDEA.

**Leo Laporte:** [Chuckling] OKAY.

**Sean Carruthers:** UNLESS YOUR COMPUTER WAS ON THAT LIST--

**Leo Laporte:** [Laughing] LET'S NOT MESS UP THE MACHINE. COME ON, REALLY? COME ON, LET'S JUST RUN IT.

**Sean Carruthers:** NO.

**Leo Laporte:** ONE THING IN ALL OF THESE THEY HAVE A BACKUP SO YOU CAN CHECK BEFORE YOU--

**Sean Carruthers:** GOOD.

**Leo Laporte:** SEAN DOES NOT LIKE THIS IDEA. LET'S GET ANOTHER CALLER ON THE AIR KATE. WHO DO WE HAVE?

**Kate Abraham:** WE HAVE MATTHEW AND HE'S IN WINNABOW IN NORTH CAROLINA.

**Leo Laporte:** HELLO MATTHEW!

**Matthew:** HEY LEO!

**Leo Laporte:** HOW IS THE WEATHER IN WINNABOW? [Pop captions up]

**Matthew:** SUNNY AND WINDY.

**Leo Laporte:** YEAH CAUSE THERE WAS A BIG NORTHEASTER WENT THROUGH THERE A LITTLE WHILE AGO WASN'T THERE.

**Matthew:** OH MAN YES. THERE WAS LIKE CRAZY WIND. [Pop captions down]

**Leo Laporte:** I'M GLAD EVERYTHING'S OKAY. NO TREES FELL ON YOU OR ANYTHING

YEAH?

**Matthew:** NO SIR, NO SIR.

**Leo Laporte:** WHAT CAN I DO FOR YOU?

**Matthew:** I HAD A QUESTION FOR YOU ABOUT, I WANT TO CREATE A PERSONAL WEB PORTAL THAT INCLUDES WEB FEES, FROM DIG, FROM YOUR SITE, FROM POD CASTING, ALSO I WANT TO HAVE AN AJAX-BASED CALENDAR SO I CAN KEEP UP WITH MY SCHOOL THING.

**Leo Laporte:** NOW IS THIS JUST FOR YOU MATTHEW OR DO YOU WANT TO PUT THIS ON THE LINE FOR EVERYBODY ELSE?

**Matthew:** I WANT TO START IT OUT JUST FOR ME AND GET IT REALLY LIKE A GOOD PRODUCT AND THEN MAYBE OPEN IT UP FOR OTHERS AND DO SOME KIND OF API.

**Leo Laporte:** WELL LET ME SHOW YOU, UNLESS YOU WANT TO DO A LOT OF PROGRAMMING AND DESIGN SOMETHING YOURSELF, THERE ARE A NUMBER OF PEOPLE WHO ARE PUTTING THESE KINDS OF THINGS ONLINE ALREADY. THIS IS MY CURRENT FAVOURITE, IT'S CALLED NETVIBE. HAVE YOU HEARD OF IT?

**Matthew:** NO SIR I HAVEN'T.

**Leo Laporte:** N-E-T-V-I-B-E- S.com WHAT NETVIBES IS IS EXACTLY WHAT YOU DESCRIBED WHICH IS KIND OF A WEB 2.0 PORTAL. IT'S A FRONT PAGE, YOU GO THERE BEFORE YOU GO-- IT'S THE FIRST THING THAT LOADS. AS YOU CAN SEE IT'S VERY FLEXIBLE AND IT HAS ALL SORTS OF MODULES. YOU SAID YOU WANTED AN AJAX CALENDAR. HERE'S A CALENDAR I'M GOING TO ADD THIS TO MY PAGE. AND I CAN TIE IT IN IF I WANT TO OTHER CALENDARS OR I CAN HAVE IT BE GOOGLE CALENDAR. RIGHT NOW THIS RIGHT NOW HAS CANADIAN HOLIDAYS ON IT. LET'S SAVE THAT AND CLOSE THE EDITOR AND IT SHOWS UP HERE IN MY-- IT'S VERY AGE-ACCSI. BY AGE-ACCSI WE MEAN MODIFYING THE VIEW WITHOUT RELOADING THE PAGE. I'VE GOT GMAIL, I'VE GOT VIDEO. AND WHAT'S NEAT ABOUT THIS IS THERE'S A WHOLE NETVIBES COMMUNITY, THEY CALL IT THEIR "ECOSYSTEM OF ADDITIONAL MODULES". NOW THIS IS PERHAPS WHAT YOU'D LIKE TO GET INVOLVED WITH. IT'S EASY TO HAVE AN API, YOU'RE A PROGRAMMER SO YOU KNOW THAT MEANS THERE'S AN APPLICATION PROGRAMMER INTERFACE WHICH ALLOWS YOU TO WRITE YOU OWN MODULES FOR THIS. IT'S A VERY SOPHISTICATED API AND YOU CAN SEE THERE ARE A LOT OF DIFFERENT MODULES, 743. THE OTHER THING PEOPLE LIKE TO DO IS MAKE THEIR OWN TABS SO FOR INSTANCE, HERE'S A WEB DEVELOPERS TAB AND I CAN ADD THIS TAB TO MY NETVIBES PAGE AND ALL OF THE FEEDS FROM ALL OF THESE WILL NOW BE PART OF MY NETVIBES PAGE. THERE'S MODULES FOR ALL SORTS OF THINGS INCLUDING LAST FM, YOUR MUSIC PLAYER, THERE'S CLOCKS, THERE'S HOROSCOPES, THERE'S CARTOONS. THIS IS AN EASY WAY TO GET THE KIND OF FUNCTIONALITY YOU WERE TALKING ABOUT WITHOUT ACTUALLY HAVING TO CREATE A WEBSITE, PUTTING ALL THAT STUFF UP ON A WEBSITE AND EVEN GIVES YOU THE CAPABILITY OF ADDING MODULES TO IT, DESIGNING YOUR OWN MODULES IN JAVASCRIPT OR THE LANGUAGE OF CHOICE. [Pop captions up]

**Leo Laporte:** THERE'S A NUMBER OF THESE, PAGEFLAKES IS ANOTHER VERY POPULAR ONE I LIKE A LOT. [pageflakes.com](http://pageflakes.com) AND THERE'S ALSO PROTOPAGE. [Pop captions down]

**Leo Laporte:** THE ONE I WOULD SAY TO LOOK AT, THIS IS VERY SIMILAR KIND OF INTERFACE, THIS IS PAGEFLAKES, THE ONE THAT I WOULD SAY TO LOOK AT IS NETVIBES. [Pop captions up]

**Leo Laporte:** I THINK THAT'S THE ONE WITH THE MOST PROGRAMMABILITY. PAGEFLAKES IS VERY SIMILAR TO NETVIBES. [Pop captions down]

**Leo Laporte:** WHAT IS NICE ABOUT THESE IS THEY'RE ALSO NEWSREADERS SO YOU BASICALLY-- I DON'T USE A NEWSREADER ANYMORE, I USE NETVIBES PAGE AS MY NEWSREADER.

**Matthew:** THAT'S ONE OF THE BIG THINGS I'M LOOKING FOR. CAUSE I'VE TRIED SEVERAL PROGRAMS AND I'VE NOT REALLY BEEN HAPPY WITH ONE.

**Leo Laporte:** I AGREE WITH YOU. YOU KNOW WHO'S REALLY GOOD, BELIEVE IT OR NOT IS GOOGLE. HAVE YOU EVER USED GOOGLE READER?

**Matthew:** I HAVE.

**Leo Laporte:** IF YOU'RE A GOOGLE USER, LET ME LOG INTO MY GOOGLE ACCOUNT, YOU CAN USE THE GOOGLE HOMEPAGE WHICH IS [google.com/ig](http://google.com/ig). THEY'VE REALLY IMPROVED THE READER CAPABILITY IN THIS. FOR INSTANCE, THIS IS SOME OF THE FEEDS I READ. I HAVE TECHNOLOGY FEEDS ALSO. I'LL CLICK THE TECHNOLOGY TAB. IF I PRESS THE PLUS BUTTON, IT WILL ACTUALLY SHOW-- IT TAKES A WHILE TO LOAD, STILL LOADING THE CONTENTS BUT IT WILL SHOW THE CONTENTS OF THE ARTICLE AND IF I WANT TO READ THE ARTICLE OR GO TO THE PAGE, IT'S GOT A VERY CAPABLE READER, IT'S BASICALLY THE GOOGLE READER BUILT INTO IT. I THINK THEY DID QUITE A NICE JOB. [Pop captions up]

**Leo Laporte:** GOOGLE'S NOT KNOWN FOR THEIR LOOKS AND THIS IS VERY SIMPLE BUT I THINK IN MANY WAYS, THIS IS ALSO QUITE GOOD. THERE'S A FEW TO LOOK AT. [Pop captions down]

**Leo Laporte:** YOU COULD WRITE YOUR OWN IF YOU WANTED WITH RUBYONRAILS AND SO FORTH. DEPENDS ON--

**Matthew:** I'VE HEARD YOU MENTION THAT BEFORE.

**Leo Laporte:** YEAH, IT DEPENDS ON HOW ELABORATE YOU WANT TO GET, [rubyonrails.org](http://rubyonrails.org) THAT'S THE LANGUAGE I WOULD USE TO DEVELOP IT IF I WAS GOING TO DO IT. IT HAS BUILT IN AJAX AND ALL THAT STUFF.

**Matthew:** CAN I ASK YOU ANOTHER QUICK QUESTIONS?

**Leo Laporte:** SURE.

**Matthew:** IS THERE A LINUX THAT INCLUDES A RUBYONRAILS FREE INSTALL?

**Leo Laporte:** GREAT QUESTION. I THINK THERE ARE A NUMBER OF EM. WHAT'S INTERESTING IS THE NEXT MAC OS10 LEOPARD IS GOING TO HAVE RUBYONRAILS BUILT IN.

**Matthew:** I HEARD YOU SAY THAT, I'M VERY EXCITED.

**Leo Laporte:** ISN'T THAT EXCITING?

**Matthew:** I WANT A MAC NOW.

**Leo Laporte:** I'M SURE THERE'S LINUX--LET'S ME JUST LOOK, WITH RUBYONRAILS BUILT IN AND THAT MAKES IT EASIER BECAUSE RUBYONRAILS REQUIRES A WEB SERVER TO BE RUNNING AND SO FORTH. YEAH IN FACT RAILS HAS ITS OWN LIVE CD, THAT'S REALLY INTERESTING. IT'S railslivecd.org SO THAT'S SPECIFICALLY FOR PEOPLE WHO WANT TO USE RUBYONRAILS, THAT MAKES IT VERY, VERY EASY. [Pop captions up]

**Leo Laporte:** THIS IS THE LANGUAGE I'D LEARN IF YOU WANT TO WRITE SOMETHING LIKE NETVIBES FROM SCRATCH. IF YOU DON'T, AND YOU'RE A STUDENT SO I WOULD RECOMMEND NOT, YOU WANT TO FOCUS ON SCHOOL RIGHT NOW, I WOULD RECOMMEND NETVIBES RIGHT NOW. [Pop captions down]

**Matthew:** DO THE PAPERS.

**Leo Laporte:** NETVIBES IS GOING TO BE GREAT AND YOU'RE GOING TO BE AMAZED AT THE STUFF IT'S GOING TO DO FOR YOU. IT REALLY IS WONDERFUL. OKAY? THANK YOU FOR THE CALL, I REALLY APPRECIATE IT. BACK TO WORK, WRITE THAT PAPER. SEE I'M THAT WAY, WHEN I HAVE SOMETHING TO DO, I WILL DO ANYTHING BUT THAT, I WILL WRITE A COMPUTER PROGRAM BUT NOT MY PAPER, THAT'S JUST THE WAY I AM. NOW IF I WERE IN A COMPUTER SCIENCE CLASS I'D WRITE A PAPER NOT A COMPUTE PROGRAM. RYAN YEWELL'S HERE. TIME FOR ONE OF YEWELL'S FAMOUS JEWELS.

**Ryan Yewell:** ABSOLUTELY AND TODAY WE HAVE A WINDOWS WEATHER WATCHER.

**Leo Laporte:** EVERYONE LOVES WEATHER DON'T THEY?

**Ryan Yewell:** IF YOU'RE GOING TO TRAVEL TO ALL THESE PLACES AROUND THE WORLD, YOU SHOULD CHECK OUT WHAT THE CURRENT WEATHER'S LIKE. [Pop captions up]

**Leo Laporte:** NOW THERE ARE SOME OF THESE WINDOWS PROGRAMS I DON'T LIKE BECAUSE THEY'RE WEATHER BUG, NUH-UH BECAUSE IT PUTS ALL THESE ADS, THIS IS NOT ADS, THIS IS FREE, THIS IS CLEAN, SPYWARE FREE.

**Ryan Yewell:** I'VE BEEN USING IT FOR A WHILE, NO PROBLEMS. ONE THING PEOPLE HAVE TO BE AWARE OF, IT USES A LITTLE MEMORY. I'VE CHECKED AND IT'S BETWEEN 16 AND 20 MEG-- [Pop captions down]

**Leo Laporte:** THAT'S NOT BAD.

**Ryan Yewell:** IT'S NOT BAD BUT JUST TO BE AWARE IT'S NOT A TINY PROGRAM. THE FIRST TIME YOU LOAD IT UP, YOU HAVE TO SELECT YOUR CITIES AND STUFF. THERE'S WALLPAPERS, WE CAN JUMP AHEAD IF YOU LIKE.

**Leo Laporte:** NO, GO AHEAD.

**Ryan Yewell:** YOU HAVE TO PUT IN YOUR CITY BECAUSE IT NEEDS TO KNOW WHAT YOU WANT TO LOOK AT. I HAD VANCOUVER AND THEN I ADDED A FEW OTHERS, SIDNEY, AUSTRALIA AND TORONTO. I ADDED PORT HEADLAND BECAUSE THAT'S A SMALL TOWN IN AUSTRALIA. THEY SAID THEY HAD 77,000 CITIES IN HERE AND I WANTED TO SEE IF THEY HAD A SMALL ONE AND THEY DO!

**Leo Laporte:** THEY DO! PORT HEADLAND.

**Ryan Yewell:** PORT HEADLAND, A NICE LITTLE TOWN. SO I PUT THEM IN AND THEN NOW WE CAN SEE-- MY CURRENT ACTIVE CITY IS VANCOUVER. SO AS WE CAN SEE HERE WE'VE GOT VANCOUVER, CANADA. IT'S GOT OUR CURRENT CONDITIONS, TODAY, TONIGHT.

**Leo Laporte:** THIS IS BEAUTIFUL.

**Ryan Yewell:** IT'S GREAT. IT'S GOT A TON OF FEATURES. YOU CAN CHOOSE CELSIUS, FARHENHEIT--

**Leo Laporte:** FAHRENHEIT FOR ME. I'M STILL LEARNING THE CELSIUS.

**Ryan Yewell:** WE'VE GOT TO CATER TO EVERYBODY. THERE ARE SO MANY THINGS AND YOU CAN GO ON AND ON BUT I GUESS THE BIG THING IS IT UPDATES REGULARLY, SO YOU CAN HAVE IT UPDATING REGULARLY. YOU CAN CHECK DIFFERENT CITIES.

**Leo Laporte:** AND YOU CAN PUT WALLPAPER--

**Ryan Yewell:** YOU CAN PUT IT AS DIFFERENT WALLPAPERS AND IT UPDATES AUTOMATICALLY. IT'S GOT TONS OF STUFF. I'D SAY CHECK IT OUT. IT'S WEATHERWATCHER, DOWNLOAD IT, IT'S FOR WINDOWS. TRY IT OUT.

**Leo Laporte:** THERE'S THE NORTHEASTER GOING THROUGH.

**Ryan Yewell:** YEAH WE GOT SOME BAD WEATHER TODAY. [Pop captions up]

**Leo Laporte:** WOW, LOOK AT THAT, I TELL YA. THANK YOU RYAN, RYAN'S JEWELS ARE ON OUR SITE, [labwithleo.com](http://labwithleo.com) YEWELL'S JEWELS WILL BE RIGHT BACK WITH A LOOK AT APPLETV. [Pop captions down]

**Leo Laporte:** ARE YOU EXCITED ABOUT THIS? RIGHT NOW ONE MORE CHANCE TO TAKE OUR QUIZ QUESTION OF THE DAY. [Blank for boards]

**Leo Laporte:** GO TO THE WEBSITE, GIVE US THE ANSWER. WE'LL TALK ABOUT IT WHEN THE LAB CONTINUES. [Commercial]

**Leo Laporte:** WELCOME BACK TO THE LAB. BEFORE THE BREAK WE ASKED YOU THE QUICK QUIZ QUESTION FO THE DAY. WHAT DOES XNA STAND FOR? I DON'T KNOW, NETWORKING TECHNOLOGY. I DON'T KNOW. OH...IT'S FOR GAMING?

**Sean Carruthers:** IT'S FOR GAMING.

**Leo Laporte:** IT'S NOT ACRONYMED. THAT'S FUNNY. IS IT FOR GAMING?

**Sean Carruthers:** YES, IT'S A LITTLE TOOLKIT THAT YOU CAN USE TO PUT TOGETHER YOUR OWN GAMES.

**Leo Laporte:** I DIDN'T KNOW THAT. [Sarcastically] THEY'VE DONE A GREAT JOB OF PROMOTING IT HAVEN'T THEY? LET'S TALK ABOUT APPLE TV BECAUSE APPLE DOES A GREAT JOB OF PROMOTING ITS PRODUCTS. MAN HAVE THEY GOT THE WORD OUT. THEY'VE GOT ADS NOW WITH JACK BLACK AND SCHOOL OF ROCK. OF COURSE THEY ANNOUNCED THIS IN SEPTEMBER OF LAST YEAR. PEOPLE HAVE BEEN WAITING TO GET IT. I WAS VERY HAPPY WHEN MINE CAME. IT'S A LITTLE BOX, LIKE THIS, AND IT CONNECTS YOUR VIDEO AND MUSIC AND PHOTOS FROM YOUR COMPUTER, WHETHER IT'S WINDOWS OR MAC, TO YOUR BIG SCREEN T.V. SEAN YOU'VE BEEN PLAYING WITH THIS HUH?

**Sean Carruthers:** I HAVE.

**Leo Laporte:** HOW DO YOU LIKE IT?

**Sean Carruthers:** I WAS DUBIOUS ABOUT THIS AT FIRST. WE'VE LOOKED AT THESE THINGS IN THE PAST, BOXES THAT WILL TAKE YOUR CONTENT FROM YOUR COMPUTER TO YOUR T.V. AND THEY'VE NOT BEEN PARTICULARLY GREAT UP UNTIL THIS POINT.

**Leo Laporte:** D-LINK MAKES ONE.

**Sean Carruthers:** D-LINK DOES, LINKSYS DOES EXTENDERS FOR THE WINDOWS MEDIA CENTRES SO THERE'S A NUMBER OF PRODUCTS OUT THERE, SOME OF THEM ARE BETTER THAN OTHERS. [Pop captions up]

**Sean Carruthers:** THERE'S ALWAYS BEEN AN ISSUE OF IT LOOKING GOOD AND JUST WORKING RIGHT OUT OF THE BOX.

**Leo Laporte:** THIS LOOKS GOOD. IT'S SMALL. IT'S SILENT. [Pop captions down]

**Leo Laporte:** AND ONE OF THE REASONS, IT HAS NO FANS, ALTHOUGH HOT. IT ALSO HAS SOME WOULD SAY A LIMITED SELECTION OF CONNECTORS. IT HAS HTML WHICH IS HOW WE'RE CONNECTING, IT'S PROBABLY THE WAY YOU WANT TO CONNECT--

**Sean Carruthers:** YES BOTH AUDIO AND VIDEO.

**Leo Laporte:** AND IT ALSO COMPONENT AND THEN THE AUDIO AND VIDEO ANALOGUE OUT AND ALSO AS YOU CAN SEE IT HAS A TOSS LINK, OPTICAL CONNECTOR. AND THAT'S IT. THERE'S A USB CONNECTOR WHICH APPARENTLY SOME HACKERS SAY ALLOWS YOU

TO CONNECT A USB DRIVE TO THIS THING. I HAVE TO PLAY WITH THAT. THERE'S NO BUGS, NO SWITCHES NO NOTHING. EVERYTHING'S DONE WITH...WITH THAT REMOTE CONTROL?

**Sean Carruthers:** THIS TINY LITTLE REMOTE CONTROL WHICH YOU'LL PROBABLY RECOGNIZE FROM A MACBOOK OR AN IMAC.

**Leo Laporte:** IT COMES WITH YOUR MAC.

**Sean Carruthers:** THAT'S ONE OF THE SAD THINGS WE'VE FOUND OUT IS IF YOU GET THIS TOO CLOSE TO YOUR COMPUTER AND TRY USING YOUR APPLETV, IT WILL ACTUALLY SET OFF--

**Leo Laporte:** THE FRONT ROW OF YOUR COMPUTER. ALTHOUGH I THINK THERE'S PROBABLY A WAY TO TELL IT NOT TO DO THAT BUT I HAVEN'T GOTTEN AROUND TO PLAYING WITH IT.

**Sean Carruthers:** I'VE USED A BIT OF BLACK TAPE OVER MY INFRARED.

**Leo Laporte:** THAT'S ONE WAY. RIGHT NOW WE'RE WATCHING, THIS IS IN SCREENSAVER MODE. THIS IS KIND OF FUN, ARE THESE YOUR OWN IMAGES?

**Sean Carruthers:** THESE ARE IMAGES I'VE TAKEN OVER VANCOUVER THE LAST COUPLE OF MONTHS.

**Leo Laporte:** ISN'T THAT NEAT, I LOVE THIS SCREENSAVER. THAT'S BECAUSE YOU SYNCED THE PHOTOS ONTO THIS. THIS HAS IT'S OWN 40G HARD DRIVE.

**Sean Carruthers:** IT HAS A 40G HARD DRIVE AND SOMEONE COMPARED THIS TO AN IPOD THAT YOU CONNECT TO YOUR T.V. IT WILL SYNC THINGS THAT YOU CHOOSE OUT OF YOUR LIBRARY INCLUDING MOVIES, PODCASTS, PHOTOS AND OF COURSE YOUR MUSIC.

**Leo Laporte:** I'LL DO THE HONOURS WITH THE REMOTE BECAUSE I'M STANDING IN FRONT OF IT AND WE DON'T WANT YOUR COMPUTER TO MESS UP. SO THIS IS THE INTERFACE. IT DOES LOOK A LOT LIKE FRONT ROW.

**Sean Carruthers:** IT'S A MUCH NICER INTERFACE THAN A LOT OF THE ONES I SEE FOR WINDOWS- BASED MACHINES.

**Leo Laporte:** IT'S VERY SLICK. THIS IS NOW NOT THE APPLETV BUT RYAN'S COMPUTER OVER THE NETWORK.

**Sean Carruthers:** RIGHT AND THAT'S THE TYPE OF THING WORTH MENTIONING. IT'S NOT JUST FROM ONE COMPUTER. YOU CAN SOURCE FROM COMPUTERS ALL AROUND UP TO AROUND FIVE SOURCES. SO YOU CAN SYNC FROM ONE AND YOU CAN STREAM FOR THE REST OF THEM.

**Leo Laporte:** SO WE SEE THE APPLETV, THIS IS WHAT'S ON THE APPLE TV'S OWN HARD DRIVE. WE SEE YOUR COMPUTER, VICTOR, MATT'S, RYAN'S, HOW DO WE ADD SOMEBODY

ELSE?

**Sean Carruthers:** WE JUST GO DOWN TO CONNECT TO NEW ITUNES.

**Leo Laporte:** SO THIS IS-- NOW THIS IS A CODE SO NOW WHAT DO WE DO.

**Sean Carruthers:** SO WHAT WE DO IS WHEN YOU'VE GOT THIS UP, IT WILL APPEAR. THE APPLETV WILL APPEAR IN SOMEONE ELSE'S ITUNES.

**Leo Laporte:** CAN YOU SEE IT KATE?

**Kate Abraham:** I HAVE IT.

**Leo Laporte:** KATE ABRAHAM YOU'VE GOT IT?

**Sean Carruthers:** HERE'S THE NUMBER 8-7-9-2-8.

**Leo Laporte:** WHY DOES IT DO THAT?

**Sean Carruthers:** I GUESS IT MAKES IT SO THAT NOBODY CAN HOP ON YOUR APPLETV WITHOUT PERMISSION.

**Leo Laporte:** THAT'S COOL. IT'S LIKE BLUE TOOTH BONDING, AND SEE NOW WE SEE A LIST OF KATE ABRAHAM'S LIBRARY-- IF YOU COME OVER HERE TO THE APPLETV WE CAN SEE KATE HAS SHOWN UP IN THE APPLE TV LOOK AT THAT. THAT'S VERY COOL. CAN WE BROWSE NOW OUR COLLECTION?

**Sean Carruthers:** PRESS PLAY AND IT WILL LOAD IT UP AND WE CAN STREAM THINGS DIRECTLY FROM HER COMPUTER.

**Leo Laporte:** THAT'S COOL. HOW WELL DOES IT STREAM?

**Sean Carruthers:** IT STREAMS FAIRLY WELL.

**Leo Laporte:** LET'S SEE IF SHE'S WATCHING ANY PODCASTS.

**Sean Carruthers:** WE'VE GOT ONE SET UP UNDER THE MOVIES SECTION HERE. AND YET IT WILL STEAM FAIRLY WELL AS LONG AS YOUR CONNECTION IS GOOD. IT HAS WIRELESS AND BUILT IN.

**Leo Laporte:** ARE WE GOING TO WATCH AWESOME VIDEOGAMES?

**Sean Carruthers:** LET'S LET THAT GO.

**Leo Laporte:** PEOPLE ARE STARTING TO ENCODE THEIR PODCAST FOR THE APPLE TV, IT'S KIND OF A DIFFERENT RESOLUTION. IF YOU BUY T.V. AND MOVIES FROM THE APPLE STORE, IT'LL BE, NOT HIGH DEF BUT KIND OF MEDIUM-- [Music haltingly starts]

**Leo Laporte:** OH IT'S LOUD.

**Sean Carruthers:** AND HERE'S ONE OF THE DOWNSIDE, YOU DON'T HAVE VOLUME CONTROL.

**Leo Laporte:** YOU STILL HAVE TO USE YOUR T.V.'S REMOTE CONTROL.

**Sean Carruthers:** RIGHT.

**Leo Laporte:** BUT IT'S STREAMING, IT'S STREAMING OUT OVER A WIFI. THAT'S REALLY COOL.

**Sean Carruthers:** YOU CAN CONVERT A BUNCH OF YOUR OWN CONTENT AND THROW IT INTO YOU ITUNES LIBRARY AND STREAM IT. THE ONE DOWNSIDE IT'S SORT OF DESIGNED AS SOMETHING YOU CAN PURCHASE THROUGH ITUNES.

**Leo Laporte:** THAT'S REALLY WHAT WE'RE LOOKING AT. [Pop captions up]

**Sean Carruthers:** THE UNFORTUNATE THING IS DEPENDING ON WHERE YOU ARE IN THE WORLD, YOU MAY NOT HAVE-- IN CANADA WE DON'T HAVE ANYTHING YOU CAN BUY VIDEO- WISE. [Pop captions down]

**Leo Laporte:** THIS IS A TEASE SO THEY'RE SHOWING ALL THIS BUT YOU CAN'T ACTUALLY BUY IT?

**Sean Carruthers:** YEAH.

**Leo Laporte:** [Chuckling] THAT'S SO MEAN. IN THE STATES IT'S REALLY GOOD, IN CANADA NOT SO GOOD, YOU HAVE TO ROLL YOUR OWN CONTENT.

**Leo Laporte:** I HAVE THE ENTIRE THREE SEASONS OF THE OFFICE ON MIND, I HAVE DESPERATE HOUSEWIVES, I HAVE LOST. IT WORKS BETTER IF IT'S ON THE HARD DRIVE. STREAMING IF IT'S FAR AWAY, IF YOU DON'T HAVE A GOOD CONNECTION, I FOUND IT DOESN'T WORK QUITE AS WELL BUT IT'S PRETTY AMAZING. [Pop captions up]

**Sean Carruthers:** IT IS PRETTY AMAZING.

**Leo Laporte:** I HAVE TO SAY I'M HAPPY WITH IT. \$299 U.S., THAT'S APPLETV AND YOU CAN FIND OUT MORE ON OUR SHOW NOTES AT [thelabwithleo.com](http://thelabwithleo.com) THANK YOU SEAN. [Pop captions down]

**Leo Laporte:** WE'LL BE RIGHT BACK WITH MORE RIGHT AFTER THIS. [Commercial]

**Leo Laporte:** THIS IS FUN, WE'RE STILL PLAYING WITH OUR APPLETV. YOU MENTION ONE THING THAT THERE'S NO OFF SWITCH.

**Sean Carruthers:** THERE'S NO OFF SWITCH AND ONE THING I'VE NOTICED IS WHEN YOU'RE PLUGGING IT IN SOMETIMES YOU GET SPARKING EITHER AT THE PLUG OR RIGHT BACK HERE. [Pop captions up]

**Leo Laporte:** YEAH CAUSE IT'S ALWAYS ON. IT'S ALWAYS HOT TOO, A LITTLE HEATER IN YOUR HOUSE. PENTIUM M IN THERE. PEOPLE ARE STARTING TO HACK IT. I THINK IN FUTURE EPISODES WE'LL SHOW YOU SOME OF THE HACKS AND THINGS LIKE THAT. THANK YOU FOR JOINING US. REMEMBER TO GO TO OUR WEBSITE, [thelabwithleo.com](http://thelabwithleo.com). YOU CAN FILL OUT A FORM THERE TO GET YOUR QUESTION ON THE AIR, SPEAK TO KATE AND SHE'LL PUT YOU ON. SHE'S MY GATEKEEPER. KATE THE GATE WE CALL HER. WE THANK YOU SO MUCH FOR BEING HERE. WE HOPE YOU'LL COME BACK SOON AND MAYBE SOMEDAY YOU'LL BE WATCHING US ON APPLETV. TAKE CARE. [Pop captions down] [Pop captions up] CLOSED CAPTIONING PERFORMED BY: BROADCAST CAPTIONING & CONSULTING SERVICES INC. [www.closedcaptioning.com](http://www.closedcaptioning.com) [Pop captions down]