

## **RAW - USING ADOBE BRIDGE IN CS2 (CS & CS3 IS FAIRLY SIMILAR)**

**YOU CAN OPEN ADOBE BRIDGE IN SEVERAL WAYS –**

**DOUBLE CLICK ON THE ‘ADOBE BRIDGE ICON’ ON YOUR DESKTOP  
OR GO TO YOUR LIST OF PROGRAMS AND SELECT ‘ADOBE BRIDGE’  
OR GO INTO PHOTOSHOP AND GO TO FILE > BROWSE (THIS IS  
WHERE TO FIND IT IN VERSION CS)**

**OR GO INTO PHOTOSHOP AND DOUBLE CLICK ON THE ‘ADOBE BRIDGE  
ICON’ TOWARDS THE RIGHT HAND END OF YOUR OPTIONS PALLETTE  
ACROSS THE TOP (IT LOOKS LIKE A FOLDER & A MAGNIFYING GLASS)**

**THIS WILL OPEN A SCREEN WHICH WILL BE SPLIT ROUGHLY INTO FOUR,**

**- EITHER IN THE TOP LEFT HAND WINDOW OR IN THE DROP DOWN BOX (AT  
THE TOP), FIND YOUR ‘C’ DRIVE (HARD DRIVE), AND THEN SELECT THE FOLDER  
YOU WISH TO USE THE IMAGES FROM – IF THE ‘FOLDERS’ APPEAR IN THE RIGHT  
HAND WINDOW THEN JUST DOUBLE CLICK ON THE ONE YOU WANT THERE.**

**- YOU SHOULD THEN SEE A NUMBER OF THUMBNAILS APPEARING**

**- YOU CAN CHANGE THE WAY THEY ARE DISPLAYED BY SELECTING  
DIFFERENT OPTIONS AT THE BOTTOM RIGHT HAND CORNER OF THE SCREEN,  
(JUST MOVE YOUR CURSOR OVER TO GET AN EXPLANATION eg filmstrip...)**

**YOU CAN USE ADOBE BRIDGE TO LOOK AT MANY DIFFERENT FILE TYPES  
INCLUDING JPEG, TIFF AND RAW , YOU CAN MOVE THEM INTO FOLDERS,  
RENAME IMAGES, SHOW SLIDESHOWS, GIVE IMAGES STAR RATINGS ETC. BUT  
FOR NOW WE ARE GOING TO CONCENTRATE ON OPENING IMAGES.**

**YOU CAN JUST ‘DOUBLE CLICK’ ON A ‘JPEG’ OR ‘TIFF’ THUMBNAIL AND IT WILL  
AUTOMATICALLY BE OPENED IN PHOTOSHOP (in CS3 jpegs & Tiffs are also  
opened in the Raw Converter – see below) (IF PHOTOSHOP IS NOT ALREADY  
OPENED IT WILL AUTOMATICALLY OPEN THE PROGRAM TOO)**

**RAW FILES REQUIRE A PIECE OF SOFTWARE CALLED A ‘RAW CONVERTER’ TO  
OPEN THEM (sometimes you get a basic one supplied with your digital camera) BUT  
ADOBE BRIDGE ALSO CONTAINS A ‘RAW CONVERTER’ (ALSO KNOWN AS  
‘CAMERA RAW’)**

**BEFORE YOU GO ON TO THE FOLLOWING PART PLEASE CHECK THE  
FOLLOWING IN ADOBE BRIDGE –**

**GO TO EDIT > ‘CAMERA RAW PREFERENCES’ AND CHECK THAT THE 2<sup>ND</sup> BOX  
DOWN ‘APPLY SHARPENING TO’ IS SET TO ‘PREVIEW IMAGES ONLY’ > OK**

**PLEASE NOTE – THE FOLLOWING METHOD WILL ONLY WORK WITH A RAW FILE  
(eg Canon .CRW or CR2 File and Nikon .NEF file)**

## **USING A RAW FILE TO MAKE PRINTING EASIER**

**PROCESSING A RAW FILE FROM YOUR DIGITAL CAMERA IN THE FOLLOWING METHOD ALLOWS YOU TO CONTROL ANY HIGHLIGHT AND SHADOW AREAS IN AN IMAGE, AND DECIDE WHERE YOU WANT THE CONTRAST TO BE LATER IN PHOTOSHOP (SEE ADJUSTMENT LAYERS LEAFLET).**

(IF YOU TAKE AN IMAGE AS A JPEG, YOU HAVE TO GET YOUR EXPOSURE RIGHT, AND YOU WILL FIND IT MORE DIFFICULT TO GET RID OF A BRIGHT HIGHLIGHT IN THE BACKGROUND FOR EXAMPLE)

**WE WILL ASSUME YOU ARE USING ADOBE BRIDGE IN CS2 (CS IS FAIRLY SIMILAR) TO OPEN THE RAW IMAGE, WHICH WILL ALLOW YOU TO ALTER MUCH MORE THAN YOUR CAMERA SOFTWARE.**

- 1) DOUBLE CLICK ON THE THUMBNAIL YOU WOULD LIKE TO OPEN**
- 2) AUTOMATICALLY ADOBE BRIDGE WILL OPEN PHOTOSHOP (IF IT'S NOT ALREADY OPEN) AND ALSO THE 'ADOBE RAW CONVERTER' WINDOW (THIS IS THE SCREEN THAT SHOWS YOU THE COLOURFUL HISTOGRAM AND ALL THE SLIDERS FOR EXPOSURE, SHADOWS ETC) – WE WILL REFER TO THIS WHEN NECESSARY AS THE 'RAW CONVERTER'**
- 3) WE WILL WORK WITH THE DEFAULTS AT THE MOMENT IN THE BOTTOM LEFT HAND CORNER OF THE SCREEN - ADOBE 1998; AND THE DEFAULT SIZE AND RESOLUTION GIVEN BY PHOTOSHOP, PLEASE HOWEVER SELECT 8 BIT FOR THE MOMENT (UNLESS YOU ARE USED TO WORKING IN 16).**

**NB - (YOU MAY WISH TO CHECK THE SHARPNESS OF YOUR IMAGE BEFORE GOING TO THE NEXT STEP – SEE LAST SHEET FOR INSTRUCTIONS)**

**AS A RULE WE WORK FROM TOP TO BOTTOM ON THE SLIDERS AT THE RIGHT HAND SIDE OF THE SCREEN**

- 4) IF YOU HAVE A STRONG COLOUR CAST, THEN YOU CAN CORRECT THIS USING 'TEMPERATURE' AND 'TINT' OR SELECT THE CORRECT LIGHTING CONDITIONS FROM THE DROP DOWN 'WHITE BALANCE' LIST (Eg Cloudy, Daylight...) – we will go into colour corrections in more detail later**

**NOW WE ARE GOING TO ALTER OUR CONTRAST, OUR BLACK & WHITE POINTS, AND MAKE SURE WE ARE NOT LOSING ANY DETAIL (ALSO KNOWN AS 'CLIPPING' THE IMAGE) – WE ARE GOING TO BRING A LOWER CONTRAST IMAGE.**

**IF YOU HAVE AN IMAGE WITH AN EVEN RANGE OF TONES (NOT A HIGH KEY OR LOW KEY IMAGE – WE WILL COME BACK TO THEM ANOTHER TIME) YOUR HISTOGRAM SHOULD FILL MOST OF THE LENGTH OF THE BOX BUT IDEALLY YOU SHOULD HAVE A BIT OF A GAP AT BOTH ENDS IF YOU ARE GOING TO PRINT FROM IT.**

- 5) FIRSTLY THE EXPOSURE SLIDER – IF YOUR HISTOGRAM IS GOING OFF THE RIGHT HAND SIDE, PULL THIS BACK UNTIL IT ISN'T ANY MORE (YOU CAN ALSO HOLD DOWN THE ALT KEY TO SEE THE AREAS AFFECTED WHILE DOING THIS) IF THE IMAGE IS GETTING VERY DULL IGNORE THIS FOR THE MOMENT**

**6) NOW GO TO THE SHADOWS SLIDER – IF THE HISTOGRAM IS GOING OFF THE LEFT HAND SIDE (AGAIN YOU CAN USE THE ALT KEY TO SEE WHERE)**

**7) USING THE ‘BRIGHTNESS SLIDER’ AND MOVING TO THE RIGHT WILL DECREASE THE DULLNESS OF THE IMAGE (THE ALT KEY DOES NOT WORK WITH THIS SLIDER) BUT KEEP YOUR EYE ON THE HISTOGRAM TO MAKE SURE YOU ARE NOT GOING OFF THE END AGAIN. THIS SLIDER CAN ALSO BE USED TO HELP LIGHTEN THE SHADOW END**

**8) BUT, LOWERING THE CONTRAST, BY MOVING THE ‘CONTRAST SLIDER’ TO THE LEFT CAN HELP EVEN MORE LIGHTEN THE SHADOWS IF YOU HAVE NOT MANAGED TO MOVE THE SHADOWS SLIDER ENOUGH (THE ALT KEY AGAIN DOES NOT WORK WITH THIS SLIDER)**

**YOU MAY HAVE TO GO BACK AND ADJUST ALL THESE LAST FOUR SLIDERS AGAIN TO GET THE OPTIMUM RESULT**

**9) THE LAST SLIDER ‘SATURATION’ LEAVE AT IT’S DEFAULT – WE DON’T WANT TO ADD THIS NOW (WHEN YOU ADD CONTRAST IN PHOTOSHOP THE SATURATION WILL AUTOMATICALLY BE ADDED)**

**PLEASE REMEMBER WHAT YOU ARE TRYING TO CREATE HERE IS AN IMAGE WHICH CONTAINS ALL THE RANGE OF TONES YOU REQUIRE FOR PRINTING – THIS IMAGE MAY LOOK QUITE FLAT AND THE COLOURS MAY APPEAR A LITTLE INCIPID. BUT WE DON’T WANT AN IMAGE THAT LOOKS CONTRASTY, PUNCHY AND VIBRANT AND READY TO USE AT THIS STAGE.**

**(REMEMBER THE DEMO OF THE ORIENTAL GIRL WITH THE WHITE SHIRT IN THE BACKGROUND – WE WANT HER TO JUMP OUT OF THE PAGE AND THE WHITE SHIRT TO BLEND INTO THE BACKGROUND)**

**ONCE YOU ARE HAPPY CLICK OPEN AND THE IMAGE WILL OPEN UP IN PHOTOSHOP**

**GO ON TO USE THE ADJUSTMENT LAYERS METHOD TO START BUILDING UP THE CONTRAST IN THE IMPORTANT PARTS OF YOUR IMAGE EG ON THE FACE OF THE ORIENTAL, NOT ON THE WHITE SHIRT IN THE BACKGROUND – we will go back into this part in more detail again step by step at the next photoshop night.**

#### **CHECKING THE SHARPNESS OF YOUR IMAGE -**

**(YOU MAY WANT TO TAKE A QUICK LOOK TO SEE WHETHER YOUR IMAGE IS SHARP BEFORE YOU SPEND TIME ADJUSTING THE IMAGE) WE ARE NOT GOING TO SHARPEN THE IMAGE ONLY PREVIEW THE IMAGE WITH SHARPENING**

**YOU CAN DO THIS BY GOING TO THE ‘DETAIL’ TAB (JUST BELOW THE SETTINGS BOX) AND MOVING THE TOP SLIDER TO APPROX 60 OR 70 – YOU WILL NOT SEE ANY DIFFERENCE IN THE SHARPENING UNTIL YOU FOLLOW THE NEXT STEP**

**NOW ZOOM IN TO 66% (CS3 tells you to zoom in to 100%) TO SEE THE EFFECTS OF THE SHARPENING THIS GIVES A GOOD INDICATION OF HOW IT WILL LOOK AFTER SHARPENING IN PHOTOSHOP**