

## Source Code

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{;} DB2WP.WPM - converts dBase III format comma delimited ASCII
files to WordPerfect 5.0 merge format.~

{;} Copyright (c) 1988, Stuart Bloom~

{;} Permission is granted to distribute this macro and its
accompanying documentation on a FREE basis only. No
fee may be charged for copying, shipping, or transmission
without the author's written consent.
Permission is specifically granted to distribute this
macro through on-line data base services.~

{;} The user assumes all risks associated with the use of this
macro and by using it agrees to this assumption.~

{;} Note: comments have been removed from the .WPM file to save
space.~

{LABEL}mainmenu~
  {ASSIGN}4~Q~
  {CHAR}4~{^]}Action: 1{^\} {^V}C{^Q}onvert dBase III file to WP Merge;
{^]}2{^\} Change {^V}D{^Q}ate fields; {^]}0{^\} {^V}Q{^Q}uit: ~
  {CASE CALL}"{VAR 4}"~
    "1"~convert~
    "C"~convert~
    "c"~convert~
    "2"~dodates~
    "D"~dodates~
    "d"~dodates~
    "0"~quit~
    "Q"~quit~
    "q"~quit~
  ~
  {Home}{Home}{Up}
  {DISPLAY ON}
{GO}mainmenu~

{LABEL}quit~
{QUIT}

{LABEL}convert~
  {DISPLAY OFF}
  {CALL}getfile~
  {CALL}commas~
  {Home}{Home}{Up}
  {CALL}replace~
  {Home}{Home}{Up}
{RETURN}

{LABEL}commas~                               {;} replace commas in quotes with tabs~
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{ON NOT FOUND}
  {RETURN}~
  {Search}"{Search}
  {Block}"
  {Replace}N
    ,{Search}
    {Tab}{Search}
  {Goto}{Goto}
  {Search}"{Search}
{GO}commas~
  {;} (tabs act as placeholders)~
  {;} after the last quoted field~

  {;} find a quoted field~
  {;} block it~
  {;} replace within the block~
  {;} if there are commas inside the quotes~
  {;} replace them with tabs~
  {;} back to the beginning of the field~
  {;} move past the end of the field~
  {;} loop~

{LABEL}replace~
  {Replace}N
    {Enter}{Search}
    {Enter}{Search}
  {Home}{Home}{Up}
  {Replace}N
    {Enter}{Search}
    {Merge R}{Enter}
    {Merge Codes}E
    {HPg}{Search}
  {Home}{Home}{Up}
  {Replace}N
    ,{Search}
    {Merge R}{Enter}
    {Search}
  {Home}{Home}{Up}
  {Replace}N
    "{Search}
    {Search}
  {Home}{Home}{Up}
  {Replace}N
    {Tab}{Search}
    ,{Search}
  {;} replace [HRT]s~
  {;} with ^R[HRT]~
  {;} plus ^E~
  {;} plus [HPg]~

  {;} replace commas~
  {;} with ^R[HRT]~

  {;} delete quotes~

  {;} restore commas inside fields~
  {;} tab placeholders are replaced~
  {;} with commas~

{RETURN}

{LABEL}dodates~
  {DISPLAY OFF}
  {CALL}getfile~
  {CALL}delimiter~
  {CALL}year~
  {Home}{Home}{Down}
  {Enter}{Right}
  {Search Left}
  {Merge Codes}E{HPg}
  {Search Left}
  {Backspace}{Backspace}
  {Tab}
  {CALL}action~
  {Home}{Home}{Down}
  {Search Left}{Tab}{Search Left}
  {;} user verifies right file is displayed~
  {;} user chooses delimiter character~
  {;} user chooses year format~
  {;} temporarily delete last ^E[HPg] so~
  {;} a search for ^E will result in~
  {;} *Not Found* after the last record~
  {;} is processed~

  {;} {Tab} is a placeholder for the deleted codes~
  {;} This is where it all happens~
  {;} Restore final ^E[HPg]~

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    {Backspace}
    {Merge Codes}E          {;} [HPg] inserted automatically~
{RETURN}

{LABEL}action~
    {Home}{Home}{Up}
    {DISPLAY ON}
    {TEXT}0~Field number (in dBase III Date format) to be converted (0 to quit): ~
    {IF}{VAR 0}>0~
        {DISPLAY OFF}
        {CALL}onfield~
    {ELSE}
        {RETURN}
    {END IF}
{GO}action~

{LABEL}delimiter~
    {CHAR}1~Select delimiter character ({^V}-{^Q} {^V}/{^Q}): ~
    {IF}"{VAR 1}"="/"~
    {ELSE}
        {IF}"{VAR 1}"="-"~
        {ELSE}
            {GO}delimiter~
        {END IF}
    {END IF}
{RETURN}

{LABEL}year~
    {CHAR}2~Select number of digits for year ({^V}2{^Q} {^V}4{^Q}):~
    {IF}{VAR 2}=2~
    {ELSE}
        {IF}{VAR 2}=4~
        {ELSE}
            {GO}year~
        {END IF}
    {END IF}
{RETURN}

{LABEL}onfield~
    {ON NOT FOUND}
    {RETURN}~
    {ASSIGN}3~1~          {;} initial value for loop test~
    {LABEL}loop~
        {IF}{VAR 0}>{VAR 3}~ {;} if true, haven't reached the field yet~
            {Search}          {;} go to beginning of next field~
            {Merge R}{Enter}
            {Search}
            {ASSIGN}3~{VAR 3}+1~ {;} increment the field counter~
            {GO}loop~
        {ELSE}
            {CALL}ondate~    {;} at the right field, ready to do it~
        {END IF}

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    {;} loop return is in body before {ELSE}~
{GO}onefield~

{LABEL}onedate~
    {ON NOT FOUND}                                {;} means we're at the end of the file~
        {RETURN NOT FND}~
    {IF}{VAR 2}=2~                                {;} delete century indication~
        {Del}{Del}
        {Right}{Right}                            {;} move past year~
    {ELSE}                                         {;} keep century indication~
        {Esc}4{Right}                             {;} move past year~
    {END IF}
    {Block}{Esc}4{Right}                          {;} block month and day~
    {Move}bm                                       {;} move the block~
    {Home}{Home}{Left}                            {;} before the year~
    {Enter}                                        {;} insert blocked month and day~
    {Right}{Right}{VAR 1}                         {;} insert delimiter btwn month & day~
    {Right}{Right}{VAR 1}                         {;} and between day & year~
    {Search}                                       {;} go to the end of current record~
        {Merge Codes}E{HPg}
        {Search}
{RETURN}

{LABEL}getfile~
    {ASSIGN}5~N~
    {CHAR}5~Is the correct document currently on the screen? (Y/N): {^}{VAR 5}
    {^}{Left}~
    {IF}"{VAR 5}"="Y"~
        {RETURN}
    {ELSE}
        {IF}"{VAR 5}"="y"~
            {RETURN}
        {ELSE}
            {PROMPT}Retrieve document and re-run macro.~
            {WAIT}20~
        {END IF}
    {END IF}
{QUIT}

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