ITRANS53 Installation Notes with MiKTeX 2.1 & 2.2

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MiKTeX is a distribution of LaTeX for win32. It can be downloaded from `http://www.miktex.org`.

Setup: itrans53 is in `c:\itrans53`, MiKTeXis in `c:\texmf`, `c:\localtexmf`, and Velthuis's devanagari package is in `c:\localtexmf\dev`. Not all the steps listed below may be necessary; this is just what seems to be leading towards a working installation on my PC

1. Download ITRANS53 from `http://www.aczone.com` and put it in `c:\itrans53`.
2. Download Velthuis's devnagari package from `ftp://archive.cs.ruu.nl/pub/tex-archive/language/devanagari` and put it in `c:\localtexmf\dev`.
3. Download `dvng8.pfb`, `dvng9.pfb`, `dvng10.pfb`, `dvng.map` from `http://www.ibiblio.org/pub/packages/TeX/languages/devanagari/contrib/fonts/type1/` and put them in `c:\localtexmf\dev`.
4. Move or copy the `*.sty` and `*.tex` files from `c:\itrans53\lib` to `c:\localtexmf\tex\latex\itrans`. Move or copy the remaining contents of `c:\itrans53\lib` to `c:\localtexmf\itrans`
5. Start → MiKTeX → MiKTeX Options; Add `c:\itrans53` to Roots.
6. Edit `c:\[local]texmf\miktex\config\miktex.ini` and add `c:\itrans53\lib;c:\itrans53\lib\fonts` to the path for dvips, dvipdf, pslatex etc. (It is usually safer to edit the files in localtexmf.)

   ```
   [Path text];c:\itrans53\lib//;c:\localtexmf\dev//;
   ```

7. Edit `c:\[local]texmf\dvips\config\config.ps` and add the following (modify appropriately)

   ```
   % ITRANS
   p +c:\itrans53\lib\psfonts.map
   p +c:\itrans53\lib\dvng.map
   H .;c:\itrans53\lib;c:\itrans53\lib\fonts

   % Devanagari
   p +c:\localtexmf\dev\dvng.map
   ```

8. Add the above lines to `c:\[local]texmf\dvips\config\config.pdf`.
9. Start → Settings → Control Panel → System → Advanced → System variables and add `c:\itrans53\bin` to the path.
10. Start → MiKTeX → MiKTeXOptions; refresh file name database.

You will now be able to generate postscript and PDF using either ITRANS or devanag. Use ghostview to preview; YAP doesn't work too well.

To test the installation of itrans, you can run itrans on the `.itx` version of this document.

यह पत्रिका MiKTeX प्रयोग करने वालों के लिये है। आपके सुझावों का मैं स्वागत करता हूँ।
The latest version of this document can be downloaded from `http://www.ece.umd.edu/~rgrover/itrans`.