

# National character set and Samba shares

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- *From:* [fernando@xxxxxxxxxxxxxx](mailto:fernando@xxxxxxxxxxxxxx)
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Hi There,

My network contains a RHEL4 server that runs Oracle and a few Conectiva / Mandriva servers running Samba. The problem is, when I mount the Samba shares on the RHEL machine, it can't display correctly file names that contain national characters (almost all file names, as I am in Brazil). This is preventing me to deploy a document management system. Switching to NFS is not a solution for a number of reasons I can't discuss here.

Man pages describe the use of smbmount switches such as codepage and iocharset, but whatever switches I give to smbmount I always end up getting wrong file names. Using iconv I found the RHEL machine always sees file names encoded as CP850 (DOS code-page for western european languages). But using iconv doesn't allow a local application on the RHEL box to open the remote files served from the remote samba share.

I need the kernel on the RHEL server (or the smbfs filesystem) to convert CP850 received from smb packets to UTF-8 names before presenting them to applications, and vice-versa. Does anyone know how to do this?

[/s, Fernando Lozano

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