

# Gnome Open Shell Here script that can deal with special characters

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The most painful missing piece in Gnome Nautilus compared to KDE Dolphin is clicking F4 to open a shell for the current folder. As a workaround I used a [script from nixCraft](#), but that fails with folders that contain special characters like [, because the folder names are URL escaped.

Today I finally snapped and fixed the script:

```
#!/run/current-system/profile/bin/bash
# This script either opens in the current directory,
# or in the selected directory

# thanks for the urldecoder goes to to https://stackoverflow.com/a/37840948
# license: cc by-sa (as this is stackoverflow)
urldecode() { : "${*//+/ }"; echo -e "${_//%/\\x}"; }
base="$(echo $(urldecode "$NAUTILUS_SCRIPT_CURRENT_URI") | cut -d / -f3-)"
if [ -z "$NAUTILUS_SCRIPT_SELECTED_FILE_PATHS" ]; then
    dir="$base"
else
    while [ ! -z "$1" -a ! -d "$base/$1" ]; do shift; done
    dir="$base/$1"
fi

gnome-terminal --working-directory="$dir"
```

Save this into the file `~/.local/share/nautilus/scripts/Open Shell Here` and make it executable, and you get a scripts menu entry in your right-click menu that still opens the right folder if you have untypical folder names.

For the lazy/[overly trusting](#):

```

echo '#!/run/current-system/profile/bin/bash
# This script either opens in the current directory,
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urldecode() { : "${*//+/ }"; echo -e "${_//%/\\x}"; }
base="$(echo $(urldecode "$NAUTILUS_SCRIPT_CURRENT_URI") | cut -d / -f3-)"
if [ -z "$NAUTILUS_SCRIPT_SELECTED_FILE_PATHS" ]; then
    dir="$base"
else
    while [ ! -z "$1" -a ! -d "$base/$1" ]; do shift; done
    dir="$base/$1"
fi

gnome-terminal --working-directory="${dir}"
' > "$HOME/.local/share/nautilus/scripts/Open Shell Here"
chmod +x "$HOME/.local/share/nautilus/scripts/Open Shell Here"

```

That's it. Have fun! Emacs 26.3 (Org mode 9.3.6)