

Github Repository

vim Installation:

```

C:\Program Files\vim\vim --version
VIM - Vi IMproved 9.1 (2024 Jan 02, compiled Jan 2 2024 16:11:16)
MS-Windows 64-bit console version
Compiled by Christian Brabandt <cbg@256bit.org>
Huge version without GUI.  Features included (+) or not (-):
+acl                +ex_extra          +multi_lang        -tag_any_white
+arabic             +extra_search      +mzscheme/dyn      +tcl
+autocmd            +farsi             +netbeans_intg     +termguicolors
+autochdir          +file_in_path      +numgq             +terminal
+autoservername     +find_in_path      +packages          +termresponse
-balloon_eval       +float            +path_extra        +textobjects
+balloon_eval_term +folding           +perl/dyn          +textprop
-browse             -footer            +persistent_undo   +tgetent
+builtin_terms      +gettext/dyn       +popupwin          +timers
+byte_offset        -hangul_input      +title             +tlib
+channel            +iconv/dyn         +printer           +toolbar
+cindent            +insert_expand     +profile           +user_commands
+clientserver       +ipv6              +python/dyn        +varargs
+clipboard          +job               +python3/dyn-stable +vertsplit
+cmdline_compl      +jumplist          +quickfix          +vim9script
+cmdline_hist       +keymap            +runtime           +viminfo
+cmdline_info       +lambda            +rightleft         +visual
+comments           +langmap           +ruby/dyn          +visual
+conceal            +libcall           +scrollbind        +visualextra
+cryptv             +linebreak         +signs             +wreplace
+cscope            +listcmds          +smartindent       +vtp
+cursorbind         +listcmds          +sodium/dyn        +wildignore
+cursorshape        +localmap          +sound             +wildmenu
+dialog_con         +lua/dyn           +spell             +windows
+diff              +menu              +startuptime       +writebackup
+digraphs           +messsion          +statusline        -xattr
+dnd                +modify_fname      +sun_workshop      +xfontset
-ebcdic             +mouse             +syntax            +xim
+emacs_tags         -mouseshape        +tag_binary        -xpm_w32
+eval              +multi_byte_im/dyn -tag_old_static     -xterm_save

system vimrc file: "$VIM/vimrc"
user vimrc file: "$HOME/vimrc"
2nd user vimrc file: "$HOME/vimfiles/vimrc"
3rd user vimrc file: "$VIM/vimrc"
user exrc file: "$HOME/exrc"
2nd user exrc file: "$VIM/exrc"
defaults file: "$VIMRUNTIME/defaults.vim"
Compilation: cl -c /W3 /GF /nologo -I. -Iproto -DHAVE_PATHDEF -DWIN32 -DHAVE_STDINT_H -DFAEAT_CSCOPE -DFAEAT_TERMINAL -DFAEAT_SOUND -DFAEAT_JOB_CHANNEL -DFAEAT_IPV6 -DHAVE_INET_NTOP -DHAVE_SODIUM -DDYNAMIC_SO
DIUM -DDYNAMIC_SODIUM_DLL="libodium.dll" /I C:\projects\vim\win32-installer-33v6\dependencies\libodium\include" -DWINVER=0x0601 -D_WIN32_WINNT=0x0601 /source-charset:utf-8 /MP /Ox /GL -DDEBUG /ZL /MT /
D_CRT_SECURE_NO_DEPRECATED /D_CRT_NONSTDC_NO_DEPRECATED -DFAEAT_BYTE_IM -DDYNAMIC_LUA -DDYNAMIC_LUA_DLL="lua54.dll" -DFAEAT_PYTHON -DDYNAMIC_PYTHON
-DFAEAT_PYTHON_DLL="python3.dll" -DDYNAMIC_PYTHON3 -DDYNAMIC_PYTHON3_DLL="python3.dll" -DDYNAMIC_PYTHON3_STABLE_ABI -DFAEAT_ZSCHEME -I "C:\projects\vim\win32-installer-33v6\dependencies\
\pocket\include" -DML_PRECISE_GC -DDYNAMIC_ZSCHEME -DDYNAMIC_ZSCHE_DLL="libbracketm_dct60.dll" -DDYNAMIC_ZMGC_DLL="libbracketm_dct60.dll" -DFAEAT_PERL -DPERL_IMPLICIT_CONTEXT -DPERL_IMPLICIT_SYS -DDYNAMI
C_PERL -DDYNAMIC_PERL_DLL="perl532.dll" -DFAEAT_RUBY -DDYNAMIC_RUBY -DDYNAMIC_RUBY_DLL="x64-ucrt-ruby32.dll" -DRUBY_VERSION=32 -DFAEAT_HUGE /Fd .\obj\c\YHRZAMD64\ /ZI
Linking: link /nologo /opt:ref /LTCG oldnames.lib kernel32.lib advapi32.lib shell32.lib gdi32.lib comdlg32.lib ole32.lib netapi32.lib uuid.lib user32.lib /machine:AMD64 libcom.lib /nodefaultlib:lua54.lib
/STACK:8388608 /nodefaultlib:python27.lib /nodefaultlib:python3.lib winmm.lib Ws2_32.lib /PDB:vim.pdb -debug

```

```

vimrc = (C:\Program Files\Vi
+ ~
" Press ? for help

.. (up a dir)
/Program Files/Vim/
+ vim91/
_vimrc [R0]

let cmd = '' . $VIMRUNTIME . '\diff'
else
let cmd = substitute($VIMRUNTIME, ' ', ' ', ' '). '\diff'
endif
else
let cmd = $VIMRUNTIME . '\diff'
endif
let cmd = substitute(cmd, '\ ', '\ ', 'g')
silent execute '!' . cmd . ' ' . opt . arg1 . ' ' . arg2 . ' ' . arg3
if exists('! :shxq_sav')
let &shellxquote=l:shxq_sav
endif
endif
endfunction

call plug#begin('C:\Users\utkar\vimfiles\vimfiles\plugged')
Plug 'vim-scripts/L9'
Plug 'preservim/nerdtree'
Plug 'vim-scripts/FuzzyFinder'
Plug 'morhetz/gruvbox'
call plug#end()

colorscheme gruvbox
nnoremap <leader>f :FufFile<CR>
let mapleader="," # Sets the leader key to ","
autocmd vimenter * NERDTree

_vimrc [R0]
39,1
Bot

```

Using colorscheme: gruvbox

NERDTree: File hierarchy visible in the screenshots

```
>File>HW
1: HW1\
2: HW2\
3: HW3\
.. (up a dir)
/Fall 2024/SE/
+ HW1/
+ HW2/
~ HW3/
  hello.py
  sampleCalculator.py

def add(x, y):
    return x + y

def subtract(x, y):
    return x - y

def multiply(x, y):
    return x * y

def divide(x, y):
    if y != 0:
        return x / y
    else:
        return "Error! Division by zero."

def main():
    print("Select operation:")
    print("1. Add")
    print("2. Subtract")
    print("3. Multiply")
    print("4. Divide")

    while True:
        choice = input("Enter choice (1/2/3/4): ")

        if choice in ('1', '2', '3', '4'):
            num1 = float(input("Enter first number: "))
            num2 = float(input("Enter second number: "))

            if choice == '1':
                print(num1, "+", num2, "=", add(num1, num2))
            elif choice == '2':
                print(num1, "-", num2, "=", subtract(num1, num2))
            elif choice == '3':
                print(num1, "*", num2, "=", multiply(num1, num2))
            elif choice == '4':
                print(num1, "/", num2, "=", divide(num1, num2))

C:\Fall 2024\SE HW3\sampleCalculator.py 23,5 Top
-- Omni completion (*O*N*P) match 1 of 3
```

Using the command- **:FufFile** to activate fuzzy finder to navigate through my homework directories.