



GNOME File Manager
 applications:/// #URI's in nautilus
 fonts:/// #applications-all-users:///
 preferences:/// #networks:///
 server-settings:/// #preferences-all-users:///
 system-settings:/// #start-here:///
 themes:/// #themes:///

Repository of preferences
 Desktop, user and application settings
 gconf-editor #Edit and list repository
 gconftool-2 --recursive-list / #List repository e.g. /apps, /schema, ...
 #Preference keys #e.g. sound
 /desktop/gnome/sound:
 event_sounds = true
 #Schema keys #e.g. sound
 /schemas/desktop/gnome/sound:
 event_sounds = Schema (type: 'bool' list_type: '*invalid*' car_type: '*invalid*' cdr_type: '*invalid*' locale: 'C')
 #Schema objects #e.g. sound
 cat /etc/opt/gnome/gconf/schemas/desktop_gnome_sound.schemas
 <schema>
 <key>/schemas/desktop/gnome/sound/event_sounds</key>
 <applyto>/desktop/gnome/sound/event_sounds</applyto>
 <owner>gnome</owner>
 <type>bool</type>
 <default>>true</default>
 <locale name="C">
 <short>Sounds for events</short>
 <long>Whether to play sounds on user events.</long>
 <locale>
 </schema>

Repository definition
 #Set of text files, **configuration sources**
 #Search order: **mandatory,user,defaults**
 cat /etc/opt/gnome/gconf/2/path #Directories are combined by path file(s).
 xml:readonly:/etc/opt/gnome/gconf/gconf.xml.mandatory
 include /etc/opt/gnome/gconf/2/local-mandatory.path
 include "\${HOME}/.gconf.path"
 include /etc/gconf/2/local-defaults.path
 xml:readwrite:\${HOME}/.gconf
 xml:readonly:/etc/opt/gnome/gconf/gconf.xml.defaults

ls /etc/opt/gnome/gconf/ #List repository: mandatory, defaults, sch...
 #Mandatory directory is empty by default
Daemon gconfd-2 #Is configuration server

Command line tool gconftool-2
 gconftool-2 --usage #Show compact --help
 gconftool-2 --get-default-source
 gconftool-2 --get /desktop/gnome/background/picture_filename
 # --set option #Set user value. Use with --type
 # --type=int | bool | float | string | list | pair
 gconftool-2 --set \
 /apps/gnome-terminal/profiles/Default/background_color \
 --type string #000000
 # --all-dirs #List all subdirectories
 # --all-entries #Display values of all keys
 # --recursive-list #Display the values of all subdir keys
 # --recursive-unset #Set default values of all preference keys

--unset #Set default value of a preference key
 # --config-source=conf-source #Use this option with the --direct option
 # to specify a configuration source to use. If you do not specify a conf-source
 # with this option, the command runs on all conf-sources in the path file.
 # --direct bypasses server, **requires gconfd-2 not running**: init 3 or:
 gconftool-2 --shutdown #Stop daemon. Don't use without reason.
 gconftool-2 --spawn #Launch the config server (gconfd-2)
 gconftool-2 --ping ; echo \$? #Check gconfd-2 status, 0:running, 2:not
 # --get #Display the value of a preference key
 # --makefile-install-rule #Install schema definition files to appl.
 # --set-schema #Set the value of an attribute in a schema
 # key, and write the value to the default configuration source.
 # Use the following options with the --set-schema option to specify the
 # attribute to be updated:
 --type = data-type #int | bool | float | string | list | pair
 --short-desc = desc
 --long-desc = desc
 --owner = owner

Set panels (menus) #Use nautilus or modify files in vfolders/,
 # or use gconftool-2 --set or --load and --dump
 # Display Panel XML description file:
 less /etc/opt/gnome/gconf/schemas/panel-default-setup.entries
 # --dump #Generates an XML descriptions list.
 # 1) Log in to GNOME and configure the panels
 # 2) gconftool-2 --dump /apps/panel/profiles/default > mypanel.entries
 # 3) vi mypanel.entries #Modify as required (right_stick->true)
 # 4) gconftool-2 --direct --config-source \
 xml:readwrite:/etc/opt/gnome/gconf/gconf.xml.defaults \
 --load mypanel.entries

#Users cannot modify a menu:
 # 1) if a .vfolder-info file exists in /etc/opt/gnome/gnome-vfs-2.0/vfolders
 # 2) if the .vfolder-info file has the same name as the URI of the menu
 # 3) if the .vfolder-info file is read only for the user

Set preference examples #Set default background reference:
 gconftool-2 --direct --config-source \
 xml:readwrite:/etc/opt/gnome/gconf/gconf.xml.defaults \
 --type string --set /desktop/gnome/background/filename.png
 #Set system proxy server:
 gconftool-2 --direct --config-source \
 xml:readwrite:/etc/opt/gnome/gconf/gconf.xml.mandatory \
 --type string --set /system/http_proxy/host wwwproxy.xyz.com
 #Set number of workspaces:
 gconftool-2 --direct --config-source \
 xml:readwrite:/etc/opt/gnome/gconf/gconf.xml.defaults \
 --type int --set /apps/metacity/general/num_workspaces 8

#Reset user to default preferences:
 gconftool-2 --direct --config-source xml:readwrite:\${HOME}/.gconf \
 --recursive-unset
 #To find preferences see schema files in /etc/opt/gnome/gconf/schemas or:
 gconftool-2 --recursive-list / | less
 gconftool-2 -R /apps/panel/global
 gconftool-2 -R /desktop/gnome/lockdown
www.gnome.org/projects/gconf/ #See open source project
www.gnome.org/learn/ #See Admin Guide
http://wiki.novell.com/index.php/Locking_Down_the_GNOME_Desktop

