

MANUAL DE USUARIO

A continuación se presenta el desarrollo del manual de usuario de la tercera tarea programada del curso TI-3404 Lenguajes de Programación. Se explicará brevemente cada paso para su correcta ejecución.

*Sistema de
Búsqueda de
Restaurantes*

Hecho por:

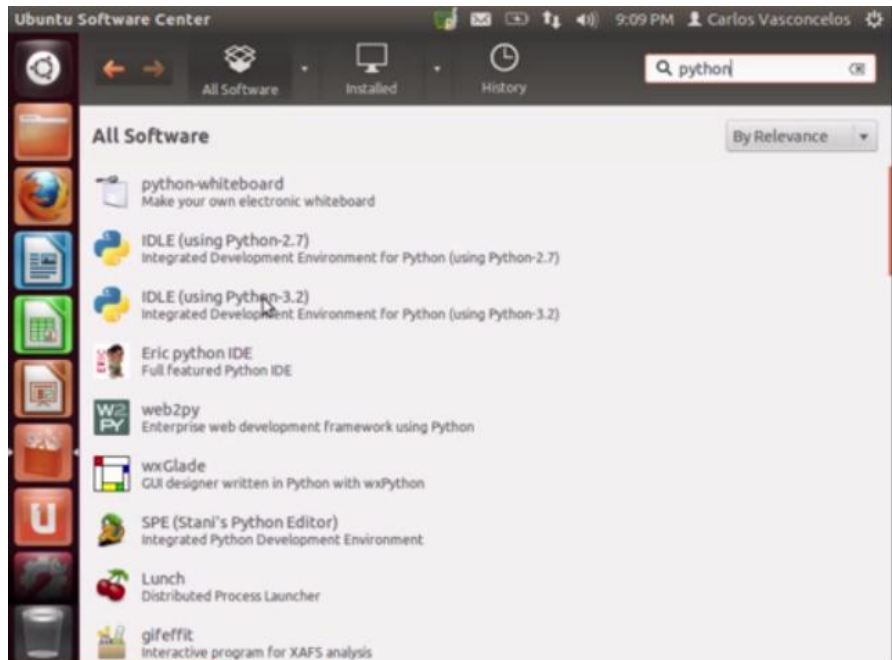
Edgar Solórzano

Daniel Mora

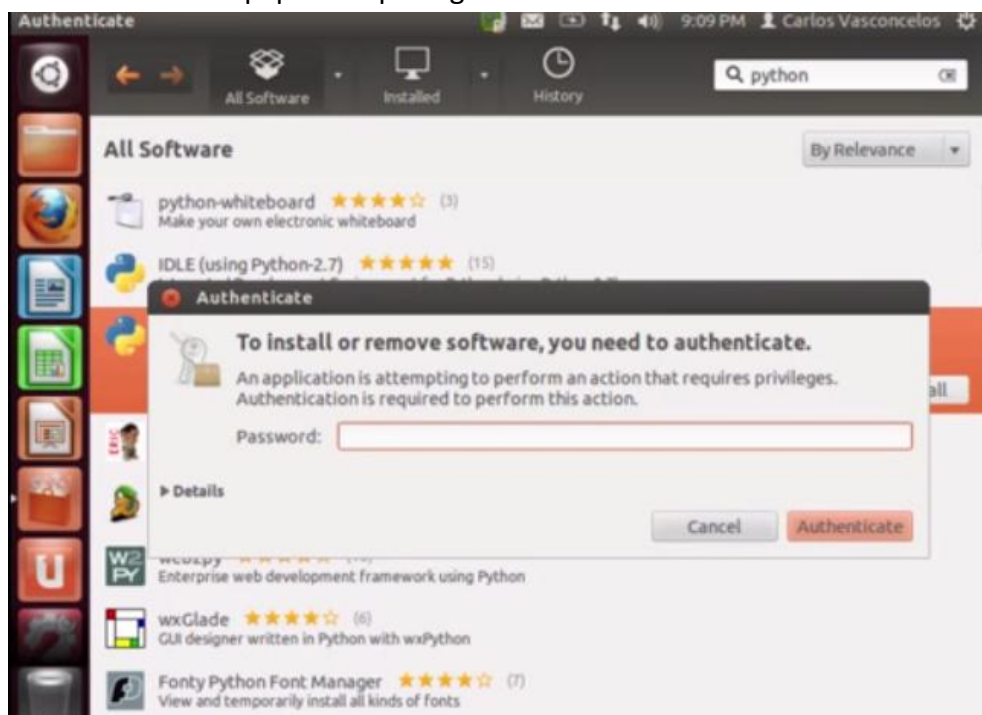
Gerardo Calderón

Instalación de Python

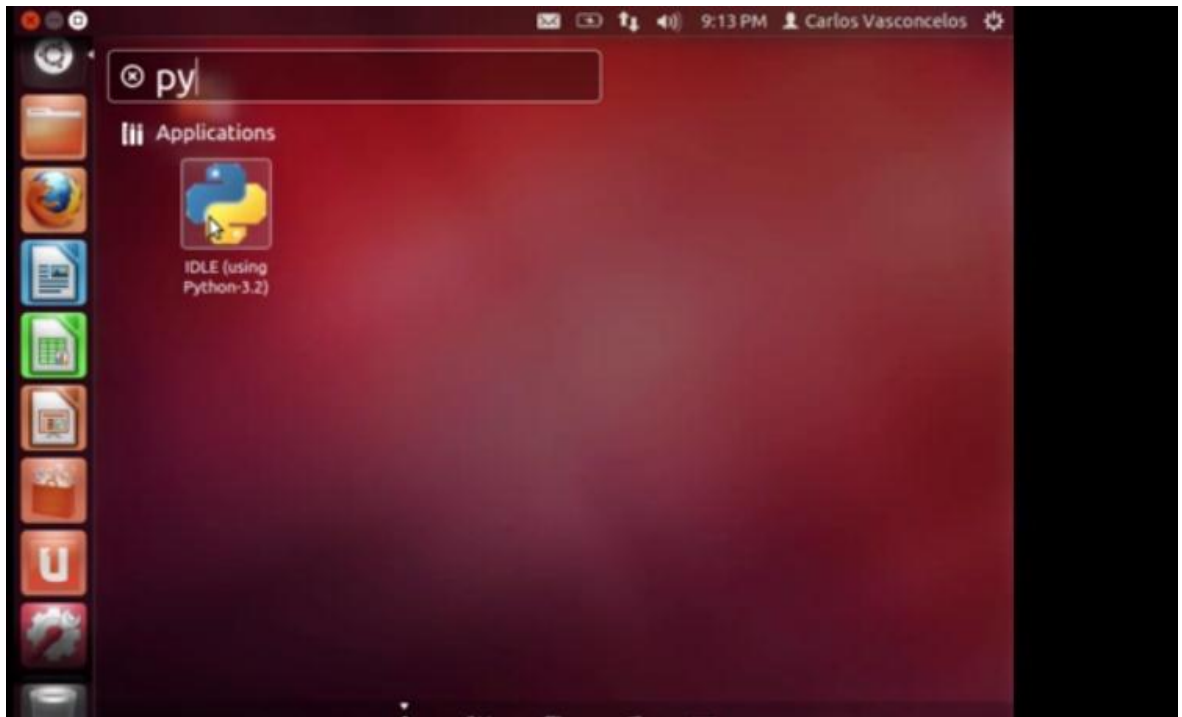
1. En el buscador de consola de Ubuntu se busca python:



2. Presionamos en el botón instalar al seleccionar la opción deseada. Ingresamos contraseña si el equipo esta protegido.



3. Por último esperamos que termine la descarga e instalación.



Instalación de Flask

1. En la terminal GUAKE de Ubuntu ingresamos y ejecutamos:
`$ sudo pip install virtualenv`
Nos permite instalar distintas librerías en python.
2. Creamos y ejecutamos un nuevo ambiente virtualenv para facilitar instalaciones de librerías con el comando:
`$ mkdir myproject`
`$ cd myproject`
`$ virtualenv venv`
3. Activamos el ambiente creado en el paso anterior:
`$ venv\scripts\activate`
4. Ejecutamos por último el siguiente comando para instalar el framework Flask:
`$ sudo pip install Flask`

Instalación de Prolog

1. En terminal GUAKE de Ubuntu escribimos y ejecutamos:

```
$ sudo apt-get install swi-prolog
```

2. Esperamos a que la descarga e instalación terminen:

```
Configurando libgmpxx4ldbl (2:5.0.2+dfsg-2ubuntu1) ...
Configurando libgmp-dev (2:5.0.2+dfsg-2ubuntu1) ...
Configurando libgmp3-dev (2:5.0.2+dfsg-2ubuntu1) ...
Configurando libtinfo-dev (5.9-4) ...
Configurando libreadline6-dev (6.2-8) ...
Configurando libreadline-dev (6.2-8) ...
Configurando libncurses5-dev (5.9-4) ...
Configurando swi-prolog-nox (5.10.4-3ubuntu1) ...
update-alternatives: utilizando /usr/bin/swipl para proveer /usr/bin/prolog (prolog)
Configurando swi-prolog-x (5.10.4-3ubuntu1) ...
Configurando swi-prolog (5.10.4-3ubuntu1) ...
Procesando disparadores para libc-bin ...
ldconfig deferred processing now taking place
wilywill@Wily-PC:~$ swipl
% library(swi_hooks) compiled into pce_swi_hooks 0.00 sec, 3,856 bytes
Welcome to SWI-Prolog (Multi-threaded, 64 bits, Version 5.10.4)
Copyright (c) 1990-2011 University of Amsterdam, VU Amsterdam
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software,
and you are welcome to redistribute it under certain conditions.
Please visit http://www.swi-prolog.org for details.

For help, use ?- help(Topic). or ?- apropos(Word).

?-
```

Uso de aplicación

1. Ingresamos al archivo donde se encuentra escrita la aplicación y lo ejecutamos en el navegador de internet que utilizemos, agregamos un restaurante:

The image shows a web application interface with a dark background and a yellow border. At the top, the title "Restaurantes" is displayed in large white font. Below the title, there are two tabs: "Nuevo Restaurante" (active) and "Asignar Platos". The form for adding a new restaurant contains the following fields:

- Nombre**: Input field with placeholder "Name" and hint "Nombre del restaurante".
- Tipo de comida**: Input field with placeholder "Type of food" and hint "Ej: vegetariana, italiana, etc".
- Ubicación**: Input field with placeholder "Ubication" and hint "En caso de tener varias, poner la principal".
- Teléfono**: Input field with placeholder "Telephone" and hint "Teléfono del restaurante principal".
- Horario**: Input field with placeholder "Schedule" and hint "Horario: Ej: L-D 8:30am-10:00pm".

At the bottom of the form is a blue button with an upward arrow icon and the text "Agregar".

2. Seleccionamos a la opción de agregar platillos para ingresar sus características:

The image shows a web browser window displaying a web application titled "Platillos". The browser's address bar shows a file path: "file:///C:/User...". The application has a dark theme with a yellow border. At the top, there are two tabs: "Nuevo Platillo" (active) and "Agregar Ingrediente". Below the tabs, the form consists of the following fields:

- Nombre**: A text input field with the placeholder "Name". Below it, the label "Nombre del platillo" is visible.
- Sabor**: A text input field with the placeholder "Flavor". Below it, the label "Sabor del platillo. Ej. dulce, salado, etc." is visible.
- País**: A text input field with the placeholder "Country". Below it, the label "País de origen" is visible.
- Ingredientes**: A text input field with the placeholder "Ej. arroz, frijoles, etc.". Below it, the label "Ingredientes" is visible.

At the bottom of the form is a blue button with a plus icon and the text "Agregar".

Below the browser window, the text "ano, Daniel Mora y Gerardo Calderón." is visible.

- Búsqueda de platillos:*

Búsqueda de restaurantes:

A screenshot of a web application interface. At the top, the word "Restaurantes" is displayed in a large, white, sans-serif font. Below it, there are two buttons: "Mostrar Todos" (highlighted with a white background) and "Por Tipo de Comida". Under these buttons are two links: "Por Nombre" and "Por País de los Platos". A horizontal line separates this header from the main content area. The main content area contains the text "Esta consulta muestra los datos de todos los restaurantes registrados" in white. At the bottom, there is a red button with a white magnifying glass icon and the text "Mostrar".

Asignación de nuevos platillos a restaurantes:

The screenshot shows a web browser window with the address bar displaying 'file:///C:/Usen...'. The browser's address bar and tabs are visible at the top. The application is titled 'Rest. Manager' in the top left corner. The main content area has a dark background with a light green border. A central white box contains the title 'Restaurantes' in large black font. Below the title, there are two tabs: 'Nuevo Restaurante' (highlighted in blue) and 'Asignar Platillos' (highlighted in white). Under the 'Asignar Platillos' tab, there are two input fields. The first is labeled 'Restaurante' and contains the text 'Restaurant'. Below it, the text 'Restaurante a utilizar' is displayed. The second input field is labeled 'Platillo' and contains the text 'Dish'. Below it, the text 'Platillo por asignar al restaurante' is displayed. At the bottom of the form is a blue button with a white icon of a fork and knife and the text 'Asignar'. The bottom of the browser window shows the text 'no, Daniel Mora y Gerardo Calderón'.

Asignación de ingredientes al platillo agregado:

The screenshot shows the same web browser window as the previous one, but the application is now displaying the 'Agregar Ingrediente' form. The title of the central white box is 'Platillos' in large black font. Below the title, there are two tabs: 'Nuevo Platillo' (highlighted in blue) and 'Agregar Ingrediente' (highlighted in white). Under the 'Agregar Ingrediente' tab, there are two input fields. The first is labeled 'Nombre' and contains the text 'Name'. Below it, the text 'Nombre del platillo' is displayed. The second input field is labeled 'Ingrediente' and contains the text 'Ingredient'. Below it, the text 'Ingrediente por agregar' is displayed. At the bottom of the form is a blue button with a white icon of a fork and knife and the text 'Agregar'. The bottom of the browser window shows the text 'no, Daniel Mora y Gerardo Calderón'.