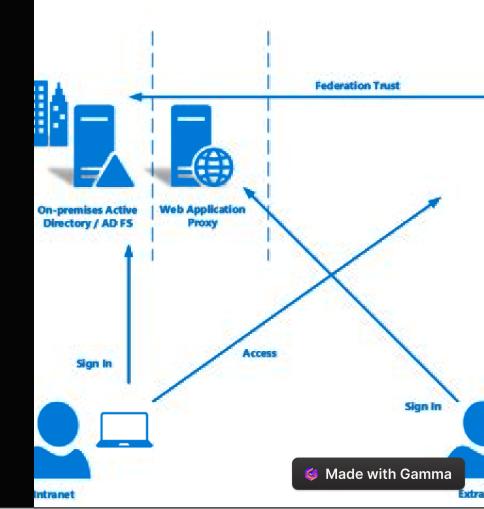
Directories: Creating, Removing, and Changing Directories

Learn the ins and outs of managing directories in your computer system. From creating and removing directories to changing directories and scanning their contents.



```
import rdflib
          init_.py
                                                      11
                                                      12
                                                               from SPARQLWrapper import SPARQLWrapper, JSON, SPARQLExceptions
          ื alchemyapi.py
                                                      13
                                                               sys.path.insert(0, os.path.realpath('../text analysis'))
         api_key.txt
                                                      14
                                                               from text analysis.text refinement import camel case split
                                                      15
         text_analytics.py
                                                      16
         text refinement.py
                                                      17
                                                               @retry(wait exponential multiplier=1000, wait exponential max=20000, stop max delay=120000)
                                                      18

    Illi External Libraries

                                                               def get ontology types(subject):
                                                      19
                                                                    if subject is None:
                                                      20
                                                      21
                                                                         return None
                                                      22
                                                      23
                                                                    sparql = SPARQLWrapper("http://dbpedia.org/sparql")
                                                                   sparql.setQuery("""
                                                      24
                                                                        PREFIX rdfs: <a href="http://www.w3.org/2000/01/rdf-schema">http://www.w3.org/2000/01/rdf-schema">
                                                      25
                                                      26
                                                                        PREFIX rdf: <a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
                                                      27
                                                                        SELECT ?labels
```

Creating Directories

1 mkdir

Use the mkdir command to create new directories in your file system.

2 Organization

Create a folder hierarchy that suits your needs for better file management. 3 Customization

Choose meaningful names for your directories to easily identify their purpose.



Removing Directories

1 rmdir

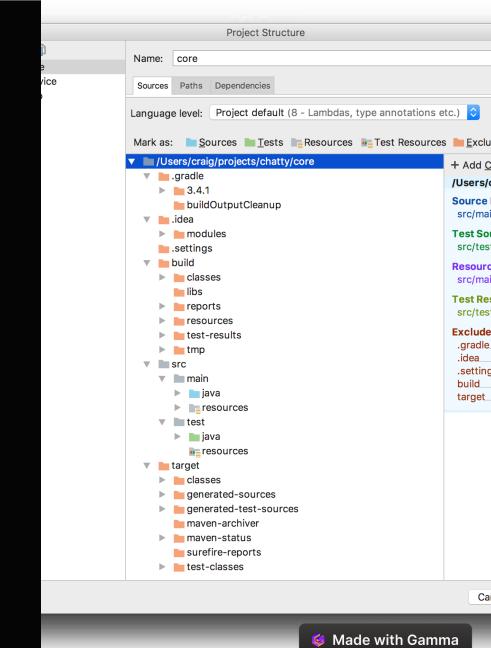
Delete directories using the rmdir command and clean up your file system.

2 Confirmation

Be cautious! Confirm that the directory you want to remove is empty to avoid accidental data loss.

3 Recursion

Use the appropriate options to remove directories and their contents recursively.



```
\Theta
                    mcone
Last login: Tue May 10 20:4
pitbull:~ mcone$ ls -l
total 8
drwx----+ 10 mcone.
                     staff
drwx----wx+ 5 mcone
                     staff
                     staff
            6 ncone
drwx-----@ 35 mcone
                     staff
drwx----+ 3 mcone
                     staff
drwx----+ 4 mcone
                     staff
drwx-----+ 4 ncone staff
drwxr-xr-x+ 5 mcome staff
pitbull:~ mcone$ chmod 755
```

Changing Directories

1 chdir

Switch between directories using the chdir command for easy navigation.

2 Relative and Absolute Paths

Use relative paths (e.g. ../) or absolute paths (e.g. /path/to/directory) to specify the target directory.

3 Working Directory

Keep track of your current working directory to ensure you are executing commands in the correct location.

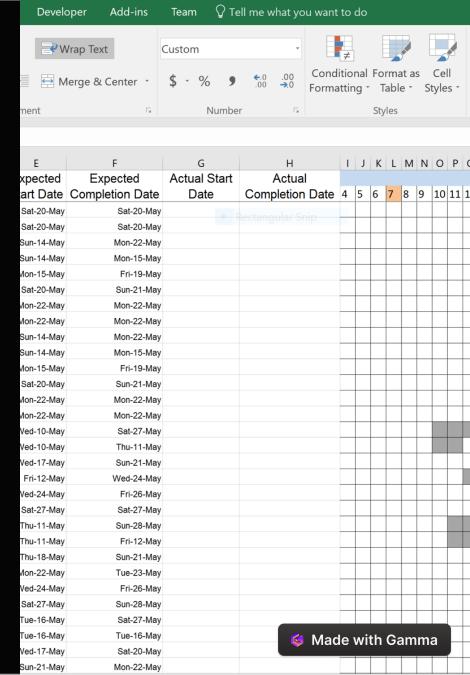
Obtaining the Current Working Directory

1 getcwd 2 Print and Use

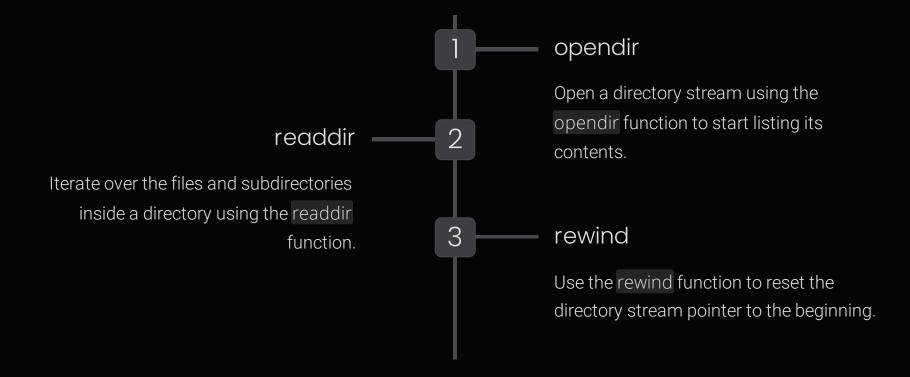
Retrieve the absolute path of the current working directory with the getcwd function. Display the current directory path or assign it to a variable for further processing.

3 Error Handling

Handle any potential errors related to retrieving the current working directory.



Listing Directory Contents



Scanning Directories

Advanced Functions

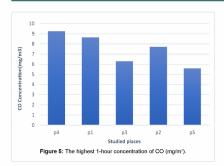
Discover additional functions for file system operations like scandir and scandirat.

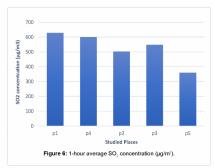
Filtering and Sorting

Apply filters and sorting criteria to efficiently scan directories and manage large sets of files.

Performance Considerations

Optimize your directory scanning code to improve performance and minimize resource usage.





According to the EPA, standard levels in houses without using gas stoves are 0.5-5 ppm, and with gas stoves are 5-15 ppm (EPA 2009). Lee [32] found that cooking methods in restaurants had various emissions of particles and CO. The highest levels of pollutants are generated during barbecuing. Zhao [11] state that the cooking method can have a significant impact on emissions from Chinese cooking. Oil-based cooking produces air pollutants at much higher levels than water-based cooking. CO in P, mainly generated by fireplace and then because of air exchange spread out in kitchen.

Concentration of SO_2 : The average concentrations of SO_2 in kitchens are presented in Figure 6 Like the other kinds of pollutants; generated SO_2 heavily depends of the type of cooking appliances and fuels [34]. Obviously, the concentration of SO_2 in P_1 and P_4 kitchens were relatively higher than others. The lowest concentration of SO_2 was recorded at P_3 . Generally, four locations had SO_2 concentration near the national standard of AIQ (0.50 mg/m³, 1 h-avarage), and one location had a lower SO_2 concentration. In similar investigation, Cichowicz studied the concentration of NO_2 , NO_2 , O_3 , SO_2 , CO, PM_{10} , PM_{10} , and C.H., in selected city, town and rural sites, [35].

Conclusion

This work was conducted under ordinary living conditions and without any control over the occupant's normal daily activities.

Smoking did not take place by any occupants and all sampling was performed during winter. Selected pollutants were measured using continuous monitoring and allowed us to calculate the concentration of SO., NO, NO, and CO. Our results support the expectation that the concentration of indoor air pollutants grows dramatically during cold seasons because of the extra requirements for heating. They found out that the highest concentration of these pollutant occurred in winter. Importantly, in traditional kitchens (enclosed and semi-open), pollutants had a higher concentration. Therefore, residents particularly housewives, could be more affected by indoor pollution in such kitchens. Stove and fuel type, ventilation, method of cooking, heating system, and human activities, are other factors which play a crucial role in the concentration of indoor pollutants within enclosed spaces. To minimize the negative effects of indoor pollution and control them, it is suggested that efforts should be made to provide incentives and opportunities for using clean energies like electric instead of fossil fuels.

Acknowledgemen

I am using this opportunity to express my grafitude to everyone who supported us throughout the course of this study. We are thankful for their aspiring guidance, invaluably constructive criticism and friendly advice during the project work. We are sincerely grafeful to them for sharing their truthful and illuminating views on several issues related to the study, I express my warm thanks to Dr. Seena Rejal and Dr. Mohammad All Rejal for their financial support and scientific guidance.

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Conclusion

Directories are the building blocks of file organization. Master the art of creating, removing, and navigating directories to become a file management pro!

