

exchange-navigation

February 9, 2023

1 Exchange folders navigations

1.1 Exchange connexion

```
[1]: import logging
import sys
from exchangelib import Credentials, Account, Folder, Message, FileAttachment, HTMLBody, Configuration, FaultTolerance, NTLM, DELEGATE
from exchangelib.errors import ErrorFolderNotFound
from exchangelib.protocol import BaseProtocol, NoVerifyHTTPAdapter
import requests
from requests.packages.urllib3.exceptions import InsecureRequestWarning

BaseProtocol.HTTP_ADAPTER_CLS = NoVerifyHTTPAdapter
requests.packages.urllib3.disable_warnings(InsecureRequestWarning)
logging.basicConfig(stream=sys.stdout, level=logging.INFO)
logging.getLogger("exchangelib").setLevel(logging.WARNING)

login = "netdom.local\\JUFL"
pswd = "m83PyuePY75Y"
mailbox = "julien.fresnel@verlingue.fr"

creds = Credentials(username = login, password = pswd)

configuration = Configuration(retry_policy = FaultTolerance(max_wait=60),
                             credentials = creds,
                             server = 'mail.verlingue.fr',
                             auth_type = NTLM)

account = Account(primary_smtp_address = mailbox,
                  credentials= creds,
                  autodiscover = False,
                  config = configuration,
                  access_type =DELEGATE)

print("Connected to the mailbox")
```

Connected to the mailbox

1.1.1 Extract items

```
[7]: for item in account.inbox.all().order_by('datetime_received')[:2]:  
      print(item.subject)
```

[Assistance Informatique] - Problématique Audio/Vidéo Teams
[Campagne TNR PREPROD V2.0.2021] - Point de situation au 11.06.2021

1.1.2 Tree visualization

```
[4]: print(account.root.tree())
```

```
root  
  AllItems  
  Common Views  
  Deferred Action  
  Finder  
  Freebusy Data  
  Partie supérieure de la banque d'informations  
    Boîte d'envoi  
    Boîte de réception  
    Brouillons  
    Calendrier  
    Contacts  
    Contacts suggérés  
    Conversation Action Settings  
    Courrier indésirable  
    Flux RSS  
    Journal  
    Notes  
    Paramètres des étapes rapides  
    Problèmes de synchronisation  
      Conflits  
      Défaillances du serveur  
      Défaillances locales  
    Tâches  
    Éléments envoyés  
    Éléments supprimés  
  Rappels  
  Recherche de tâche  
  Recoverable Items  
    Deletions  
    Purges  
    Versions  
  Schedule  
  Sharing
```

Shortcuts
Spooler Queue
System
Transport Queue
Views

[]: