Microsift Visual Studio Code

VScode est un environnement de développement intégré utilisé pour programmer en Python. Il permet l'analyse de code et contient un débogueur graphique. Il permet également la gestion des tests unitaires, l'intégration de logiciel de gestion de versions.

1. Installation

Téléchargement

https://code.visualstudio.com/download (https://code.visualstudio.com/download)

Extensions

Utiliser le moteur de recherche des extensions pour installer celle ci.

- dbaeumer.vscode-eslint
- codezombiech.gitignore
- kiteco.kite
- jeffery9.odoo-snippets
- ms-python.python
- mtxr.sqltools
- dotjoshjohnson.xml

2. Configuration

Pour chaque projet, il est nécessaire de déclarer rajouter deux fichiers à la racine du dossier client.

.vscode/launch.json

```
{
    // Use IntelliSense to learn about possible attributes.
    // Hover to view descriptions of existing attributes.
    // For more information, visit: https://go.microsoft.com/fwlink/?
    "version": "0.2.0",
    "configurations": [
        {
            "name": "Run Master",
            "type": "python",
            "request": "launch",
            "program": "${workspaceFolder}/server/odoo-bin",
            "args": [
                "-r",
                "subteno_130",
                "-w",
                "subteno",
                "--addons-path",
                "modules/odoo/enterprise,server/addons,modules/extra,
                "-c",
                "odoo.conf",
                "-d",
                "subteno_130_master"
            ],
            "console": "integratedTerminal"
        },
        {
            "name": "Upgrade Master",
            "type": "python",
            "request": "launch",
            "program": "${workspaceFolder}/server/odoo-bin",
            "args": [
                "-r",
                "subteno_130",
                "-w",
                "subteno",
                "--addons-path",
                "modules/odoo/enterprise,server/addons,modules/extra,
                "-c",
                "odoo.conf",
                "-d",
                "subteno_130_master",
                "--update",
                "subteno_profile"
            ],
            "console": "integratedTerminal"
        }
    ]
}
```

.vscode/settings.json

```json
{
    "python.pythonPath": "~/.virtualenvs/subteno/130",
    "sqltools.connections": [
        {
            "database": "subteno_130_master",
            "driver": "PostgreSQL",
            "name": "Postgre",
            "port": 5432,
            "previewLimit": 50,
            "server": "localhost",
            "username": "subteno_130",
            "password": ""
        }
    ],
    "files.autoSave": "afterDelay",
    "files.autoSaveDelay": 500,
    "files.exclude": {
        "**/*.pyc": true,
        "**/__pycache__":true,},
    "python.autoComplete.extraPaths": [
            "${workspaceRoot}/server/addons",
            "${workspaceRoot}/server/odoo",
            "${workspaceRoot}/server",
        ],
    "python.linting.pylintArgs": [
            "--load-plugins",
            "pylint_odoo",
            "--max-line-length=120",
        ],
    "editor.minimap.maxColumn": 120,
}
```