

Connection diagram and general data flow [From PyMoIP_Server point of view]

Optional command channel

PyMoIP_Gateway

User (local or remote) arrived,
(directly or from PyMoIP_Gateway),

using WebSocket protocol.

PyMoIP_Server

- Accepts users WS connexionsFollows the 'arbo' (tree structure)
- Sends Minitel pages to users
- Receives keys press from usersSends back the echo of keys to users
- Interprets function keys from users

Many instances can run from the same host.

Many users can connect to the same instance.

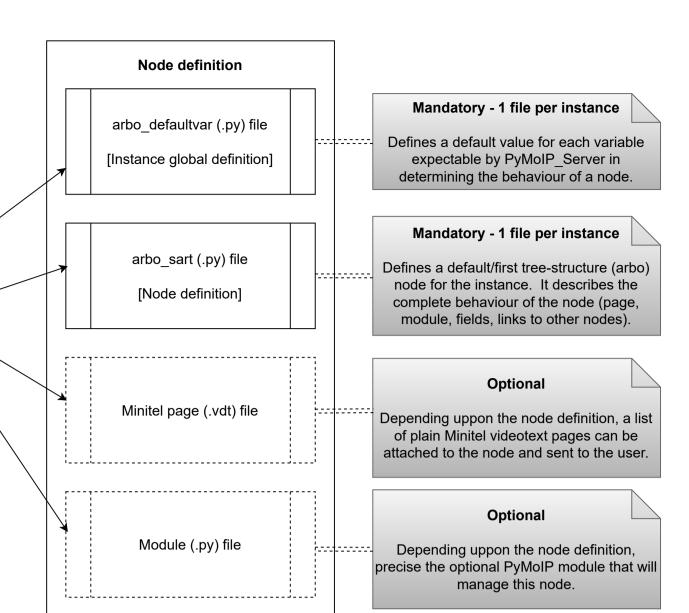
Can be executed from the same host as

PyMoIP_Gateway.

Instances of PyMoIP_Server are defined by an @IP, a port, a displayable name, and a starting node folder. Those parameters must be declared from command line. Additionally, a single "command channel" with

PyMoIP_gateway port can be defined. To ease the starting and stoping processes, a local "ServerList" file contains all those details.

Additionally, service names and their links to their matching "WebSocket Minitel Server" are defined elsewhere, into a local and a global "yellow pages" .json file, used by the teletel module.



The 'arbo_defaultvar.py' file **must** contain a default value for **all** usable variables managed by PyMoIP_Server.

IE : It must be updated to match new PyMoIP_Server releases and features.

The '<arbo_node>.py' file can only contain the relevant values/definitions for the node.

Final behaviour of PyMoIP_Server on the node is the result of the interpretation of, firstly, the 'arbo_defaultvay.py' file, and secondly, the '<arbo_node>.py' file.

IE: It does not need to be updated to match new PyMoIP_Server releases and features.