U4rad.ps1 Documentation

This is the main powershell script that runs the Orthanc installer and edits the orthanc.json file for setting the Orthanc configurations.

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| Command | Purpose |
| $directory = $PSScriptRoot | Stores the directory of the script u4rad.ps1 in the directory variable |
| $installer = ‘orthanc.exe’ | Sets the name of the orthanc installer to the installer variable |
| $exeSource = Join-Path $directory -ChildPath $installer | Joins the path of the directory and the name of the orthanc installer and stores it in the variable exeSource |
| $process = Start-Process… | Starts the orthanc.exe process and stores the process object in the process variable |
| Wait-Process -Id… | Waits for the orthanc installer to finish installing |
| $filename = ‘routing.lua’ | Stores the name of the routing lua script in the variable filename |
| $source = Join-Path … | Joins the path of the directory and the name of the lua script and stores it in the variable source |
| Copy-Item -Path $source… | Moves the lua script to the Configuration directory in C:\Program Files\Orthanc Server |
| $orthanc = @{…} | Creates the object which contains all the orthanc configuration details. Important details –  **LuaScripts** (contains the path of routing.lua in a list)  **OrthancPeers** (contains the peer details of the cloud server in an object) |
| $json = $orthanc | ConvertTo-Json | Converts the orthanc config object into JSON format |
| $json | Set-Content -Path … | Replaces the orthanc.json file in the directory Configuration with the newly created Orthanc config json  Encoding is UTF8 |
| $serviceName = ‘orthanc’ | Sets the orthanc service name to the variable serviceName |
| $service = Get-Service… | Gets the service object called ‘orthanc’ and stores it in the service variable |
| If ($service)… | Stops the orthanc service if it is running |
| Set-ItemProperty -Path … | Changes the Orthanc registry key to make all logs verbose.  **DO NOT EDIT UNLESS YOU KNOW WHAT YOU ARE DOING. THIS COMMAND EDITS THE REGISTRY WHICH WHEN DONE INCORRECTLY CAN HARM THE SYSTEM** |
| Start-Service -Name… | Starts the Orthanc service again |
| Write-Host… | Writes to the powershell terminal that the installation has finished |