

Restructure JSON (object) into hashtable

This script is needed if you get an object by any source (e.g., json) and you have to give every member of the object as a value (keypair) into a hash table.

```
$bodyjson = @"
{
  "logtype": "testlogs2",
  "logbody": {
    "computername": "Device-123456",
    "user": "luca",
    "ouput": "registry key was set",
    "status": "success",
    "time": "xyz"
  }
}
"@

$bodyobject = ConvertFrom-Json $bodyjson
$logtype = $bodyobject.logtype
$logbodyobject = $bodyobject.logbody

$logbodyobjectmember = Get-Member -InputObject $logbodyobject | where {$_.Membertype -eq
"NoteProperty"}

$outputproperties = @{}

foreach ($item in $logbodyobjectmember.name){
  $outputproperties.add($item, $logbodyobject.$item)
}
```

Use case

To post data into a log analytics workspace you have to send a hash table as body of the post request. If you build an API via Azure Functions then you get a JSON object as input. so you have to restructure the incoming body to be a hash table. This has to be dynamic so the input length and member entities can change.

Revision #4

Created 2022-12-06 15:51:31 UTC

Updated 2026-03-03 16:19:57 UTC by Luca Noah Caprez