# PSMatcher

PSMatcher is a test utility, that lets you easier test responses and json, when some part of the response is something out of your control (autogenerated id, guid, datetime etc).

# Overview

This PowerShell has been tested on Windows in both v5.1 and v6.0

Import-Module ..\PSMatcher.psm1 -Force  
  
$actual = @"  
{  
 "id" : "5a645a20-5225-431b-8c62-031b87f58b73",  
 "subnode" : {  
 "city" : "NY",  
 "zipCode" : "80-000",  
 "meta" : {  
 "name" : "foobar",  
 "shipping": 99.99,  
 "enabled" : false,  
 "\_link" : "http://example.com?page=2",  
 "\_something" : null,  
 "\_arr" : [1, 2, 3],  
 "\_date" : "2018-01-01"  
 }  
 }  
}  
"@  
  
$expected = @"  
{  
 "id" : "@guid@",  
 "subnode" : {  
 "city" : "NY",  
 "zipCode" : "@string@",  
 "meta" : {  
 "name" : "@string@.Contains('bar')",  
 "shipping": "@double@",  
 "enabled" : "@bool@",  
 "\_link" : "@any@",  
 "\_something" : "@null@",  
 "\_arr" : [1, 2, 3],  
 "\_date" : "@string@.IsDateTime()"  
 }  
 }  
}  
"@  
  
Test-Json $actual $expected

# Results

Successful ErrorMessage  
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 True

# In addition

The matcher also checks if elements are missing or if too many are supplied.

**Stay Tuned**: Examples will be added showing how well this works with PowerShell objects and Hashtables.

# Available Expressions

* @string@
* @int@
* @double@
* @bool@
* @null@
* @any@
* @guid@

# Credits

This wraps [NMatcher](https://github.com/defrag/NMatcher). Check out the readme