

# msaSDK Module

## .router.system

## Attributes

### sys\_router module-attribute

```
sys_router = APIRouter(  
    prefix="", tags=["system"], include_in_schema=True  
)
```

## Functions

### system\_gpu\_info

```
system_gpu_info(request: Request) -> MSASystemGPUInfo
```

Get System Nvidia GPU's Info

PARAMETER	DESCRIPTION
<small>request</small>	HTTP Request. <b>TYPE:</b> <small>Request</small>

RETURNS	DESCRIPTION
<small>sysgpuinfo</small>	MSASystemGPUInfo Pydantic Model <b>TYPE:</b> <small>MSASystemGPUInfo</small>

### system\_info

```
system_info(request: Request) -> MSASystemInfo
```

## Get System Info

PARAMETER	DESCRIPTION
<code>request</code>	HTTP Request. <b>TYPE:</b> <code>Request</code>

  

RETURNS	DESCRIPTION
<code>sysinfo</code>	MSASystemInfo Pydantic Model <b>TYPE:</b> <code>MSASystemInfo</code>

## system\_test\_error

```
system_test_error(request: Request) -> TypeError
```

Create an Error to test the interception middleware.

With an HTTP request it replies with an HTML Interception Page

PARAMETER	DESCRIPTION
<code>request</code>	HTTP Request. <b>TYPE:</b> <code>Request</code>

  

RAISES	DESCRIPTION
<code>TypeError</code>	<code>TypeError('msaSDK System Test error...')</code>

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