

NAG Numerical Functions for GPUs Function Document

nag_gpu_sobol_cleanup

1 Purpose

nag_gpu_sobol_cleanup frees system resources which were allocated by a previous call to **nag_gpu_sobol_init**.

2 Specification

```
#include <nag_gpu.h>
void nag_gpu_sobol_cleanup (Nag_Gpu_Comm *comm)
```

3 References

None.

4 Arguments

1: **comm** – Nag_Gpu_Comm * *Communication Data*

Nag_Gpu_Comm is a NAG defined type which holds state and communication information and must not be modified in any way.

The structure which was initialized by a previous call to **nag_gpu_sobol_init**.

5 Error Indicators and Warnings

No argument constraint checking is carried out by this function. You can insert a call to function **nag_gpu_utilCheckMsg** (contained in the header file **nag_gpu.h**) following the call to **nag_gpu_sobol_cleanup** to check for the last CUDA error message, if any, generated during execution.

6 Example

None.
