

OMNIVERSE & GENERATIVE AI

CATALYSTS FOR DISRUPTION AND INNOVATION ACROSS INDUSTRIES

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NVIDIA EMEA



AI Application Frameworks

Platforms



NVIDIA HPC



NVIDIA AI



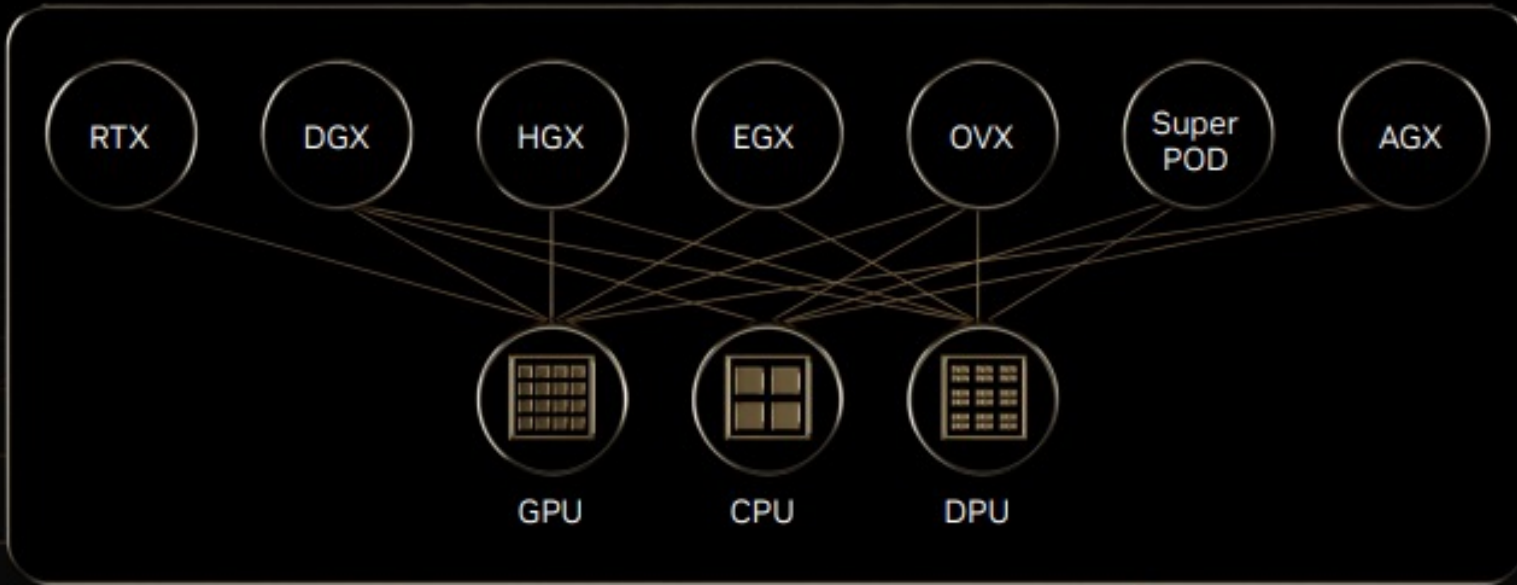
NVIDIA Omniverse



Acceleration Libraries

Cloud-to-Edge
Data Center-to-Robotic Systems

3 Chips



Generative AI Unlocks New Opportunities Across Multiple Applications

TEXT GENERATION



Summarization

GPT-4

Marketing Copy

IMAGE GENERATION



Brand Creation

Edify

Gaming Characters

CODE GENERATION

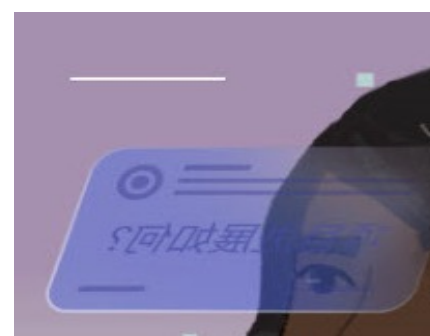
```
response.data[0]['created_at']  
time.strptime(ltdate, '%a %b %d %Y %H:%M:%S')  
time.now()  
day=ltdate2).days  
playwindow:  
screen_name, 'has tweeted in
```

Dynamic Code
Commenting

CODEX

Function Generation

TRANSLATION

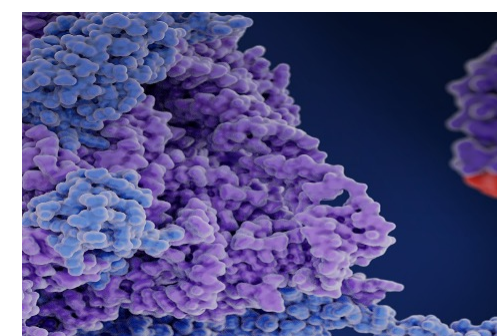


Translating
Wikipedia

NLLB-200

Real-Time
Metaverse
Translation

LIFE SCIENCE



Molecular
Representations

BioNeMo

Drug Discovery

NVIDIA Picasso

Foundry for Custom Generative AI Models for Visual Design

Text-to-Image



```
{
  "request handler" : {
    "operation": infer,
    "taskType": text2image,
    "data": "A photo of a cute cat with lots of Holi colors"
  },
}
```

Text-to-Video



```
{
  "request handler" : {
    "operation": infer,
    "taskType": text2video,
    "data": "Purple bioluminescent jellyfish swimming in space"
  },
}
```

Text-to-3D



```
{
  "request handler" : {
    "operation": infer,
    "taskType": text23d,
    "data": "A DSLR photo of a 3D model of the colosseum"
  },
}
```



NVIDIA DGX Cloud

Edify Generative AI

Foundation Models Create Images, Videos and 3D from Text





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