



M365 GURGAON

Powered by Microsoft 365 and Power Platform India User Group

SharePoint Spaces discovery: How to create a 3D entry space for your next company event ?



▶▶▶ By Patrick Guimonet, Microsoft MVP



Patricg

in Patrick Guimonet

twitter icon M365Gurgaon



#M365Gurgaon

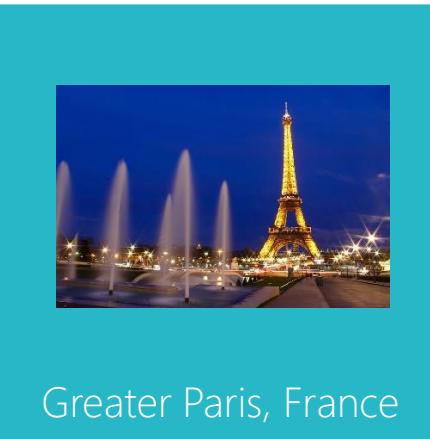
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The TechPlatform
Where Tech Meets.

Hi, I am Patrick Guimonet



Greater Paris, France



aOS Community
Founder and member



Enterprise Solutions
Architect - Abalon



International speaker and
events organizer



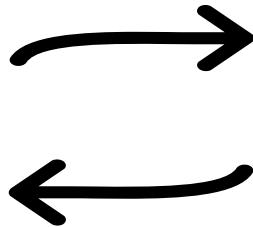
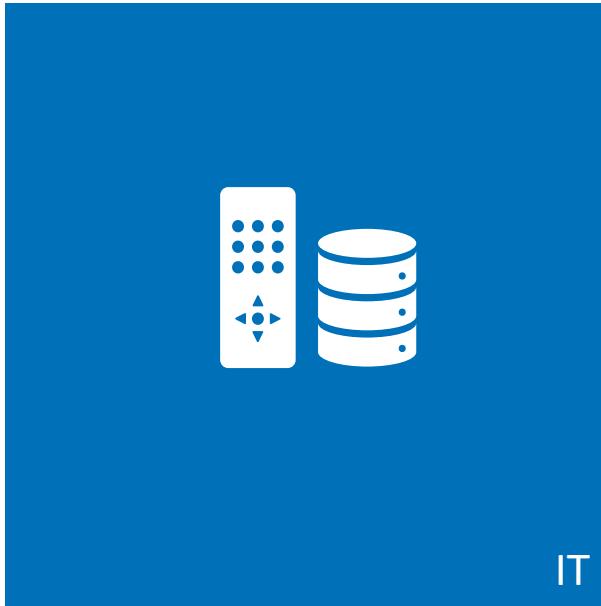
Feel free to connect [in](#)



10 times MVP
Office Servers and Services
4 years MS Regional Director

[My event history](#)

Who are you?

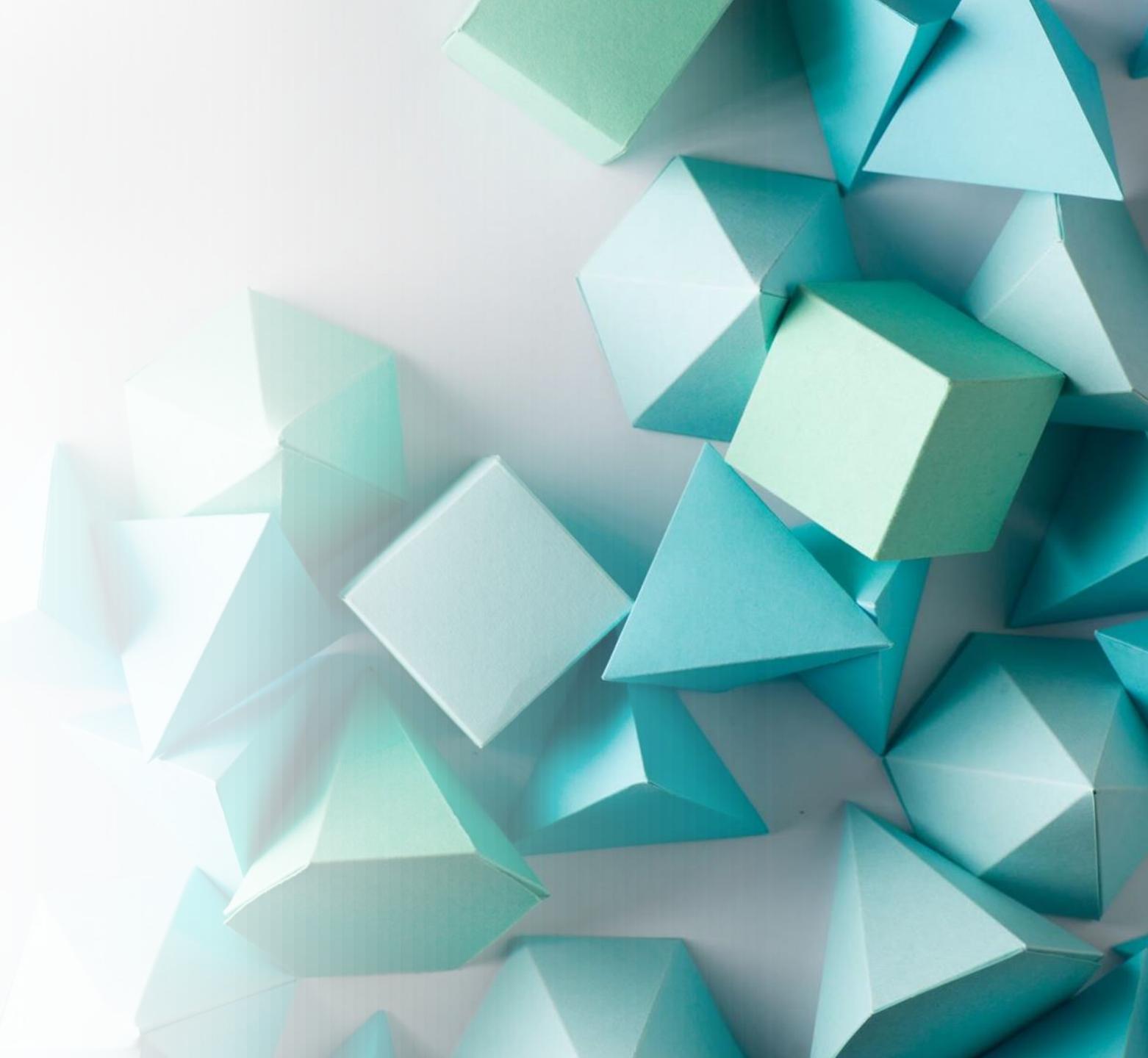


Agenda

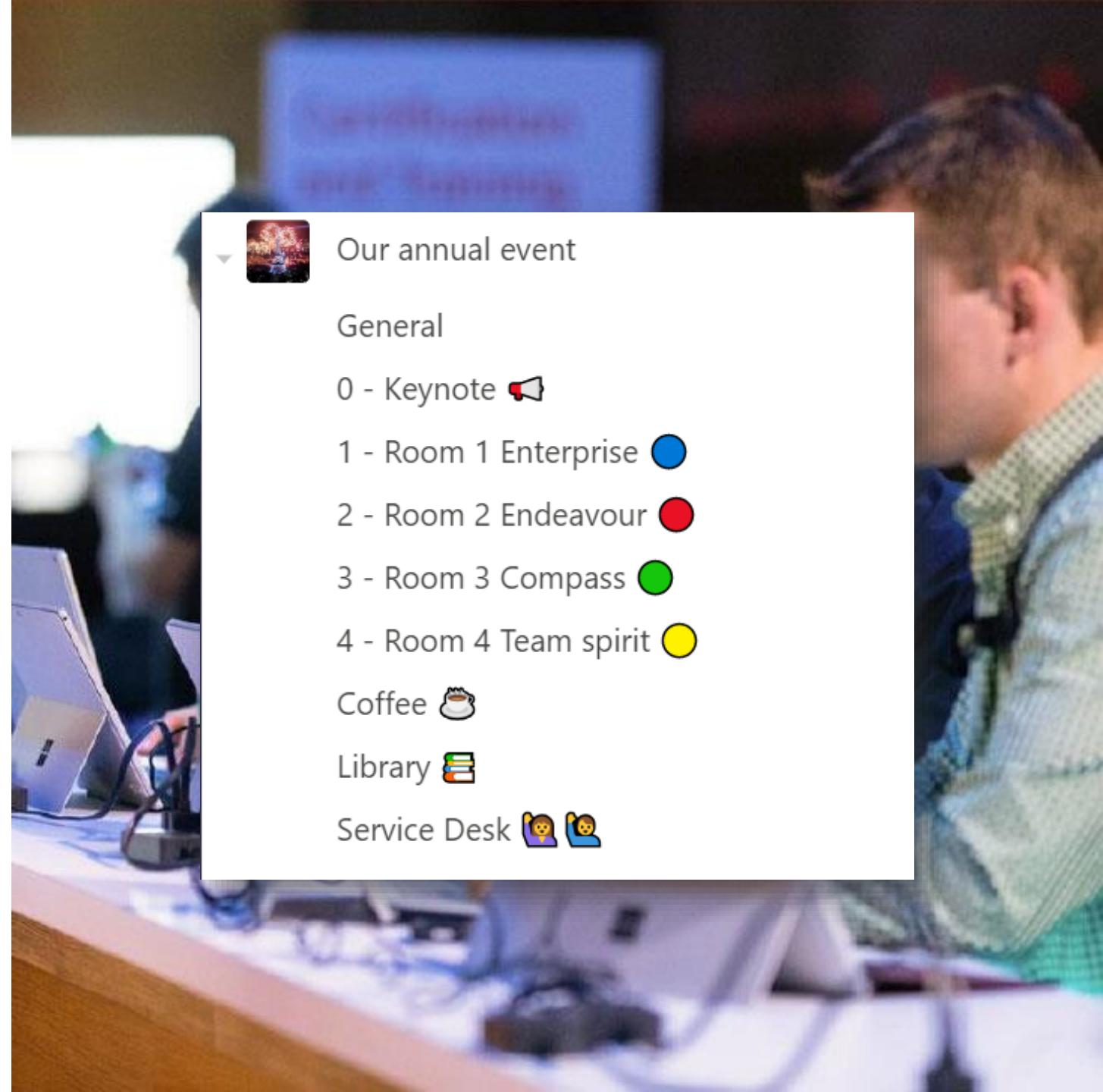
- Demo SharePoint Spaces
- Better understand 3D, VR, AR ...
- Which use cases?



**Let's demo
SharePoint
Spaces**



Let's start with a Teams



I can make a SharePoint page to access it ...

And this is already cool !

Oa Our annual event

+ New Send by email Promote Page details

Welcome to our annual event!

Patrick Guimond CEO

Keynote Join the show →

Room 1 Enterprise ● Room 2 Endeavour ● Room 3 Compass ● Room 4 Teams Spirit ●

01 days 21 hours 54 minutes 49 seconds

Our amazing annual event starts in

01 21 54 49

days hours minutes seconds

Big show for annual event!

FAQ Service Desk

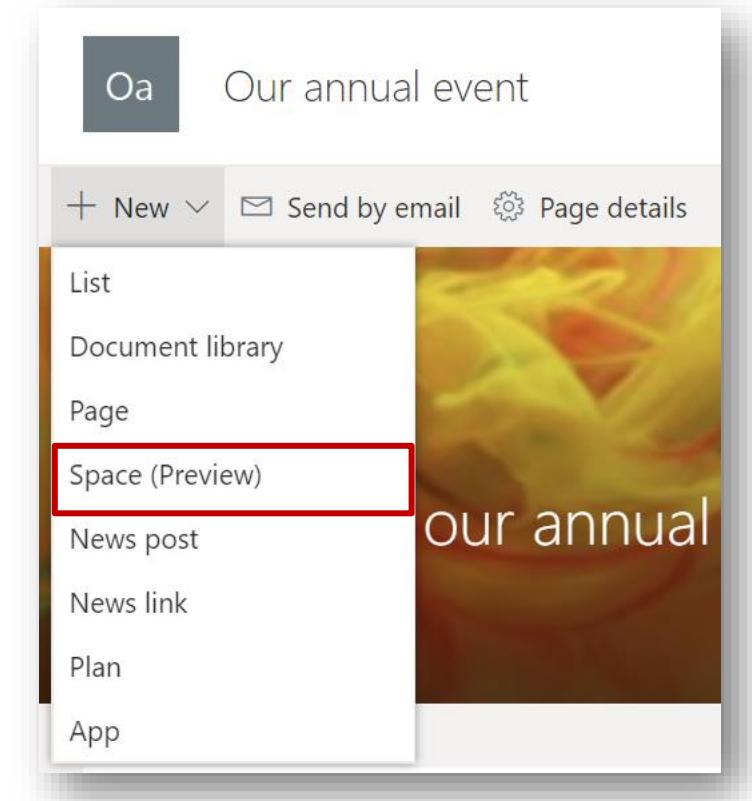
Coffee breaks

Library

Prerequisite: Activate the Space feature at Site level

Settings / Site Information / View
all site settings

Manage site features



 Spaces (Preview)	<button>Deactivate</button>	<button>Active</button>
Allows users to create mixed reality spaces in a site.		

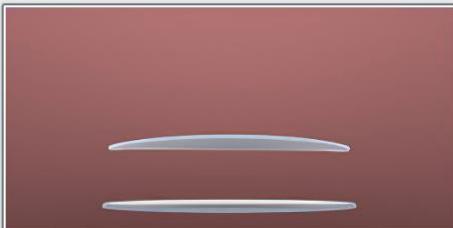
Step 1

Create a new space

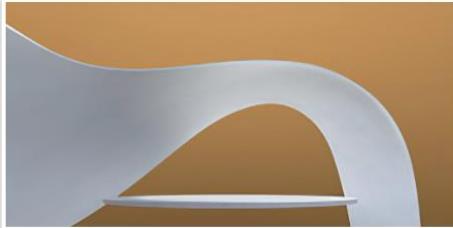
Choose the desired structure
(can be changed later),
Specify name and description

Structure

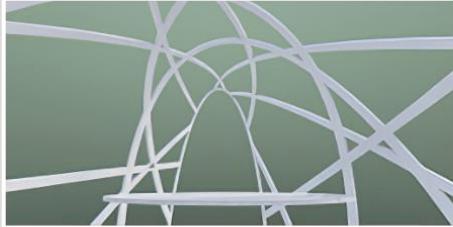
Choose a structure to start with. You can always change it in Space Properties.



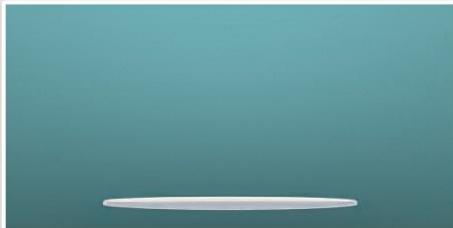
Gallery



Amphitheater



Arch



Terrace

Space name

Required

Space description

Create

Cancel



Geodome

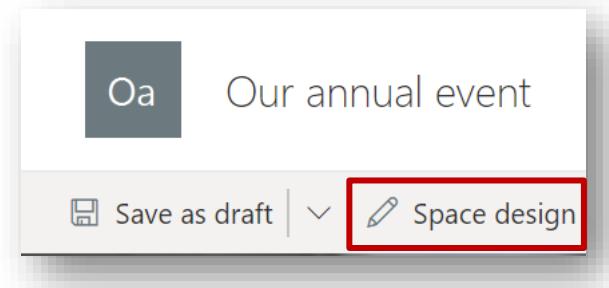


Spiral

Step 2 Space design

Space design with

- Structure (again)
- Background
- Welcome message
- Ambient sound



Space design X

Set options for your space such as structure, background, and sound.

Details ^

Name: My event lobby

Description: My event lobby for TESTING purposes

Structure ^

 Gallery	 Amphitheater	 Arch
 Terrace	 Geodome	 Spiral

Background ^

Custom 360° file
<https://abalon365-my.sharepoint.com/:...>

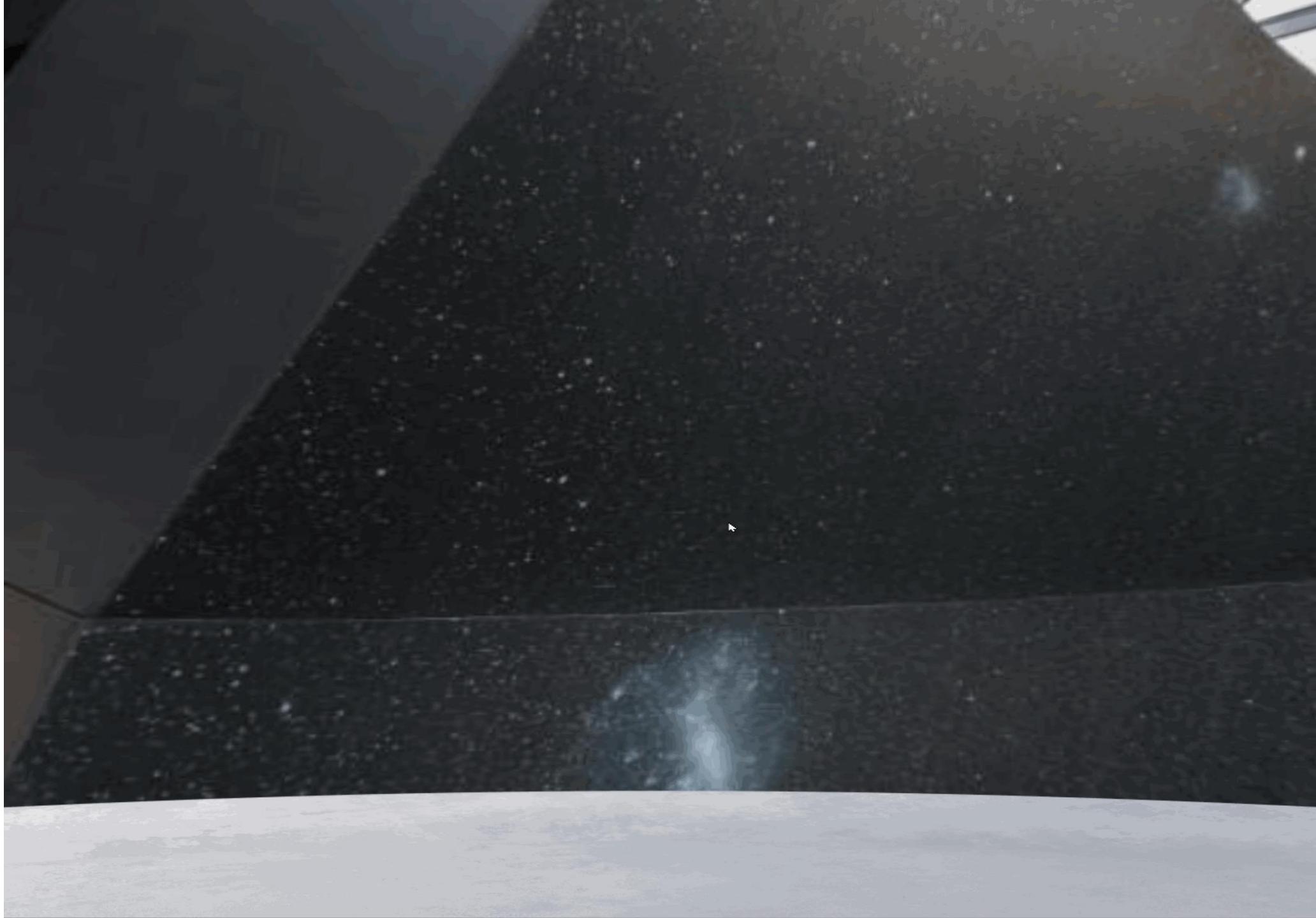
Welcome message ^

None
 ... > content Change

Ambient sound ^

None
 Empty room
 Nature
 Wind
 Rain
 Music
 Audio file

Space
just after
creation



**Spaces are just
SharePoint
pages!**

Site Pages

Name	Modified By	Modified	Created
Flat.aspx	Patrick Guimonet	16 minutes ago	6 hours ago
My-event-lobby---TEST.aspx			hours ago
Home.aspx			June 14

Created By : Patrick Guimonet (2)

Created By : System Account (1)

My-event-lobby---TEST

5 Views

See details

This item was created 4h ago by You.

You checked out this item, so others cannot edit.
Check in or Discard check out

This page has changes that are not published yet.
Republish now

New Export to Excel

Wiki Page

Web Part Page

Site Page

Space (Preview)

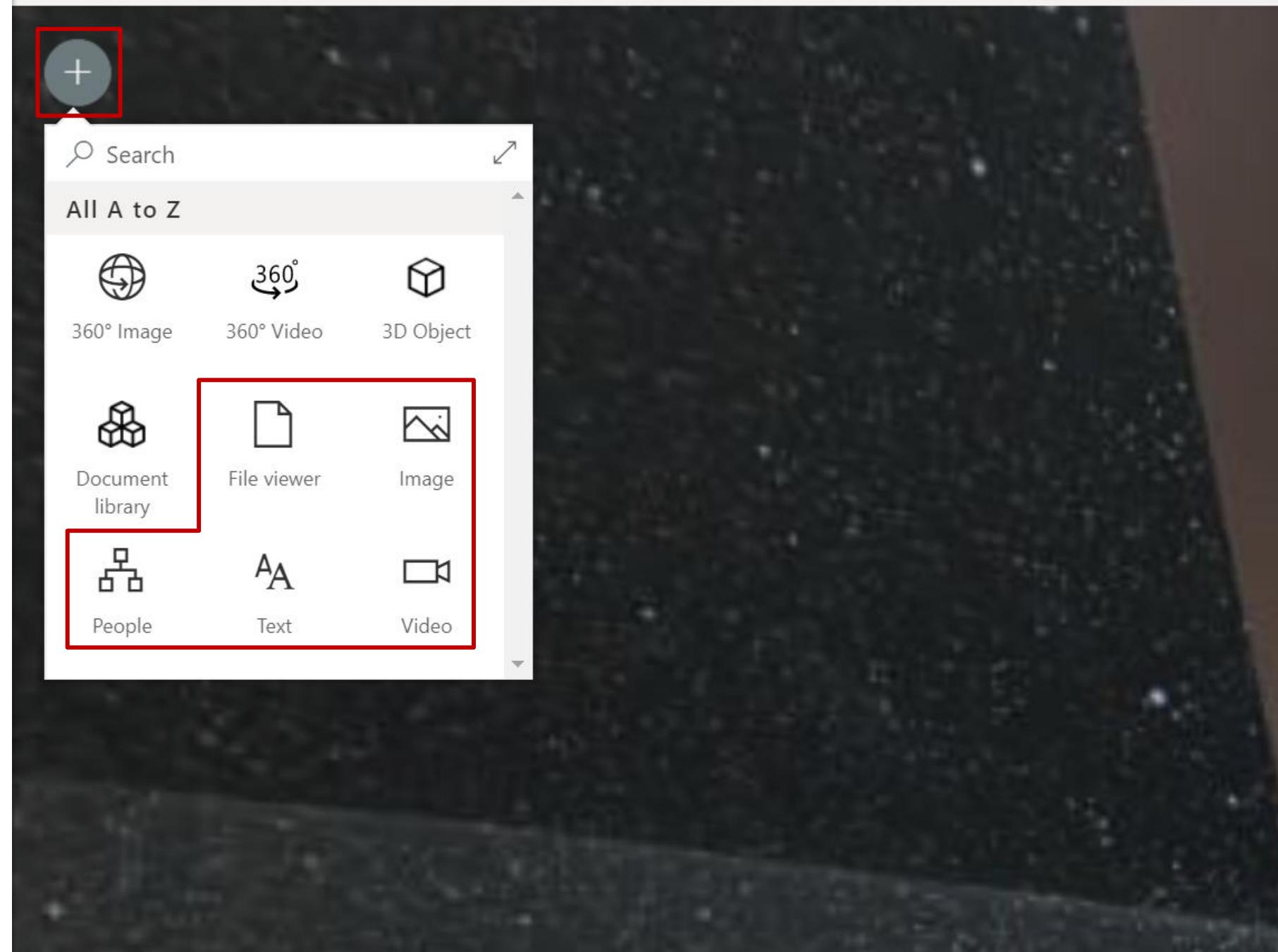
Link

Created By :

Step 3 Populate space

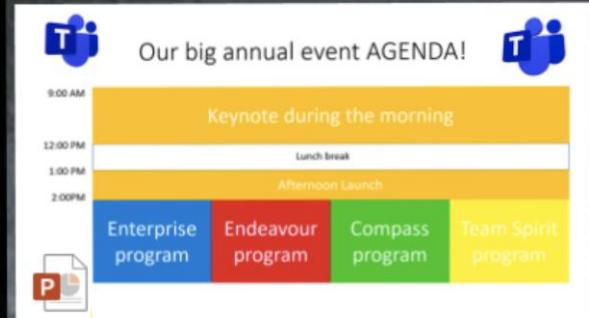
By adding 2D objects

- Text
- Image
- People
- Video
- File





Video



File



People



Map of Planet Earth

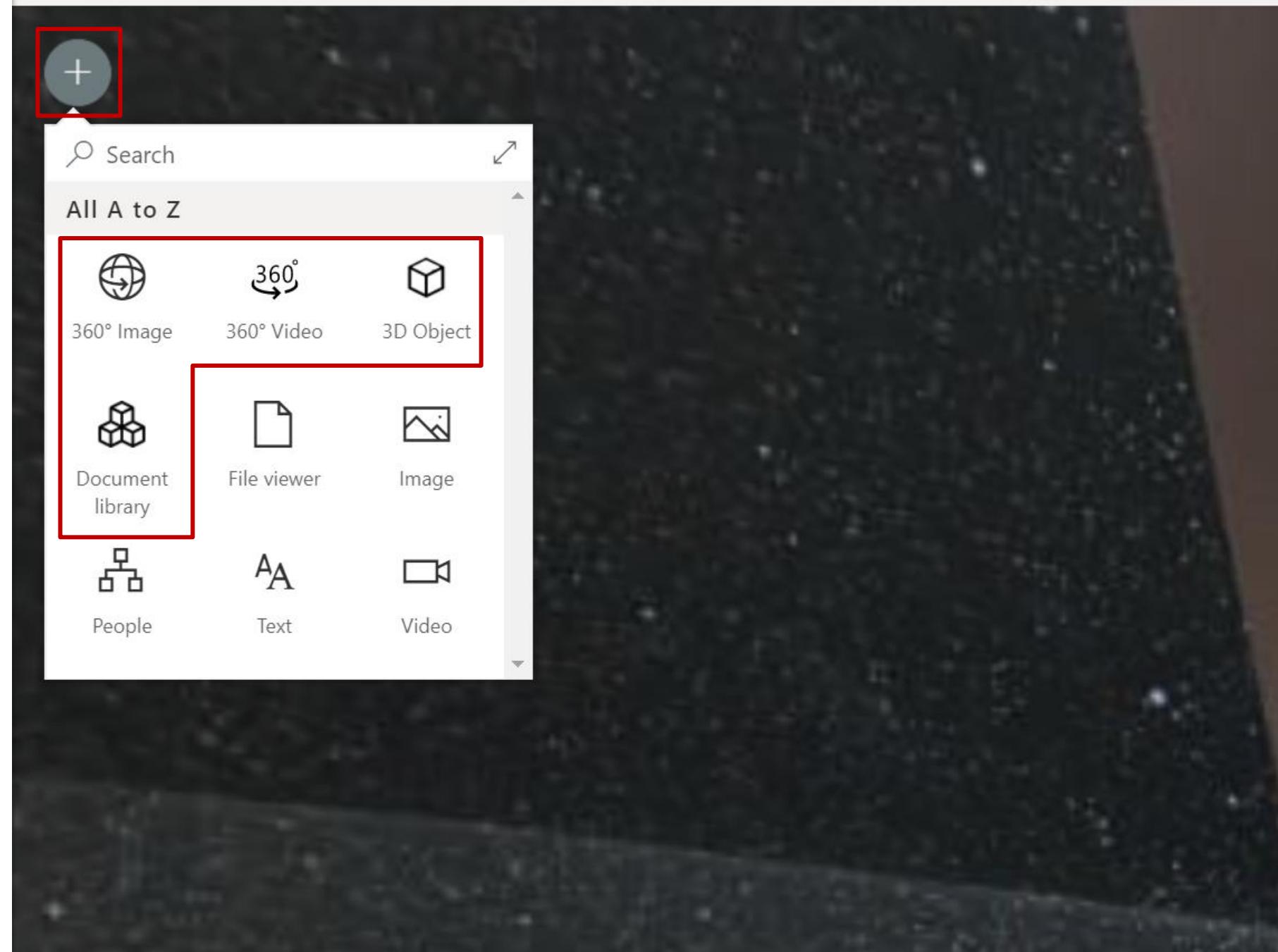
Image

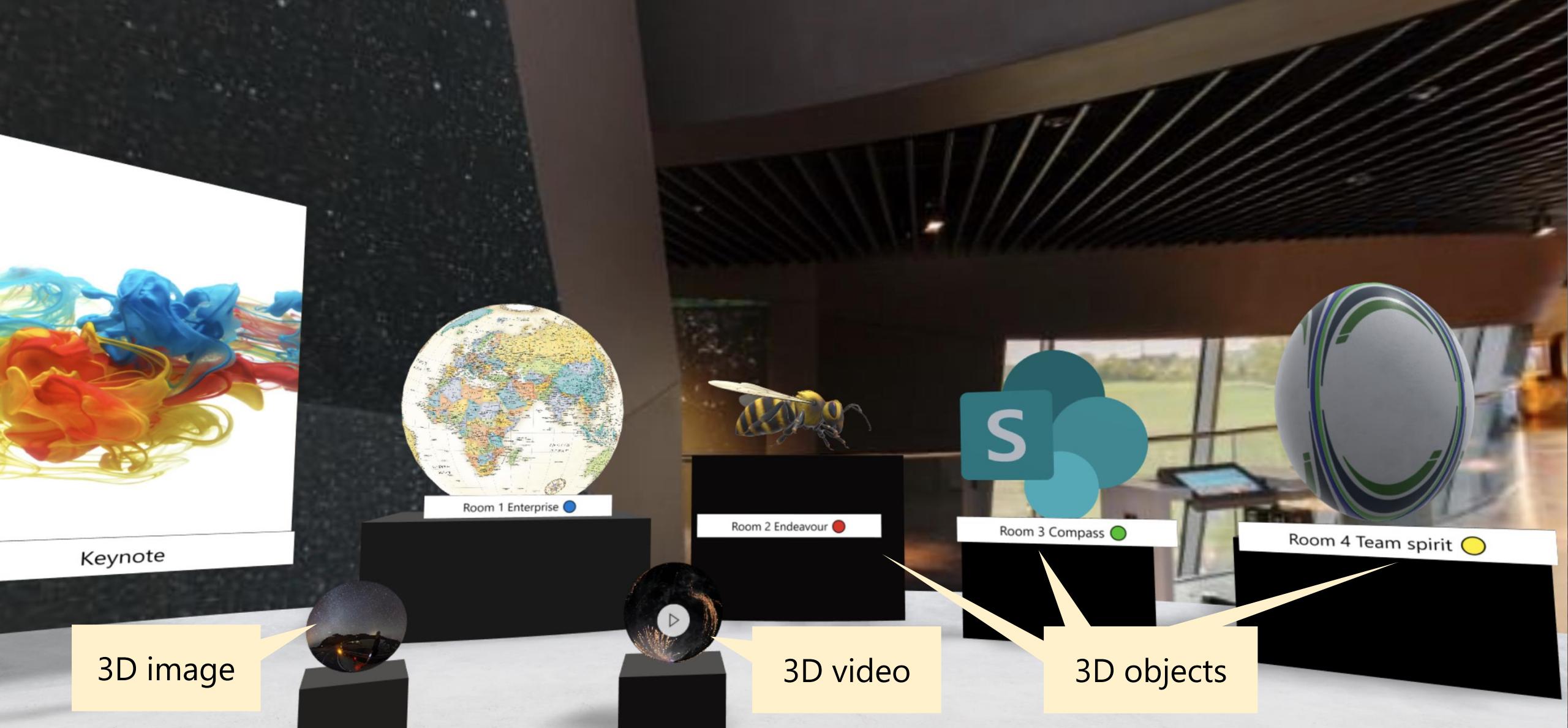
Sample of 2D objects in SharePoint Spaces

Step 3 Populate space

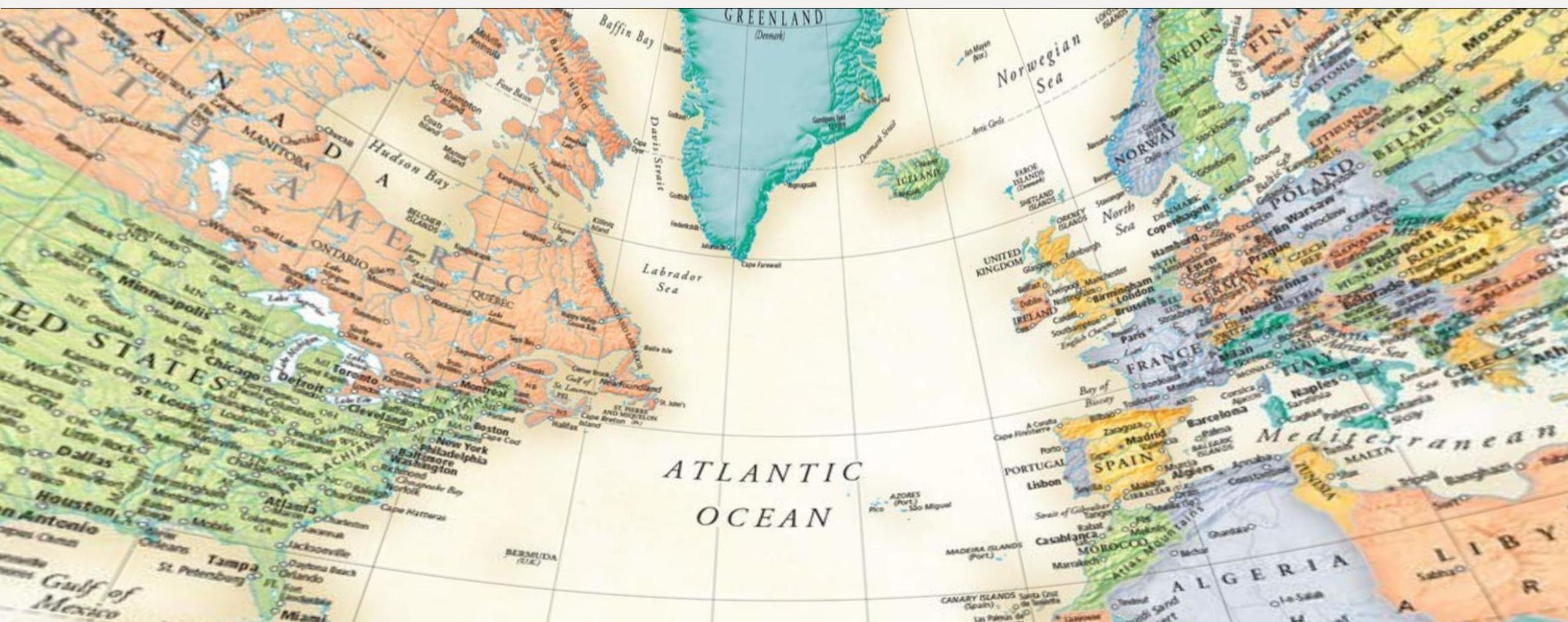
By adding 3D objects

- 360° image
- 360° video
- 3D object
- Document Library





Sample of 3D objects in SharePoint Spaces



Sample of 3D image opened in SharePoint Spaces

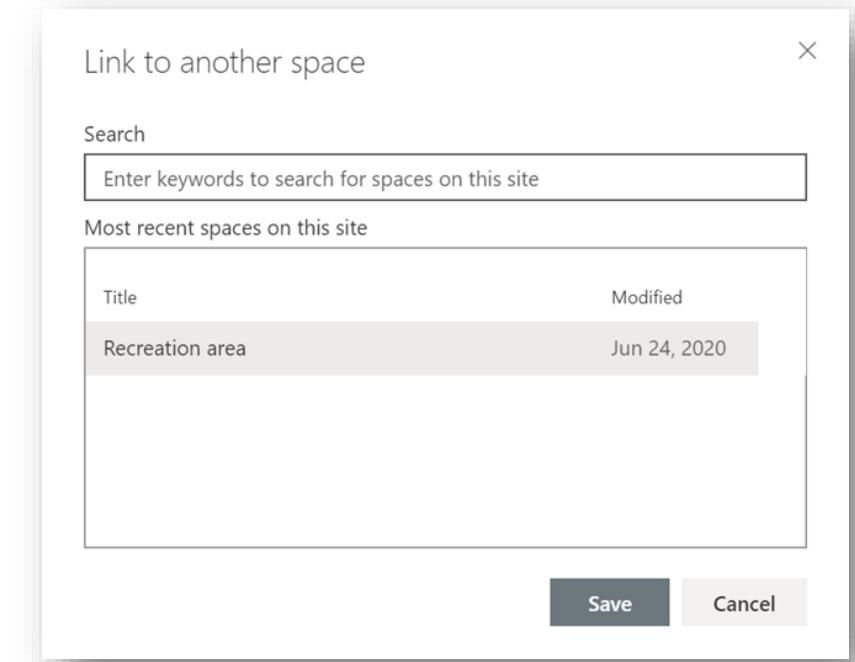
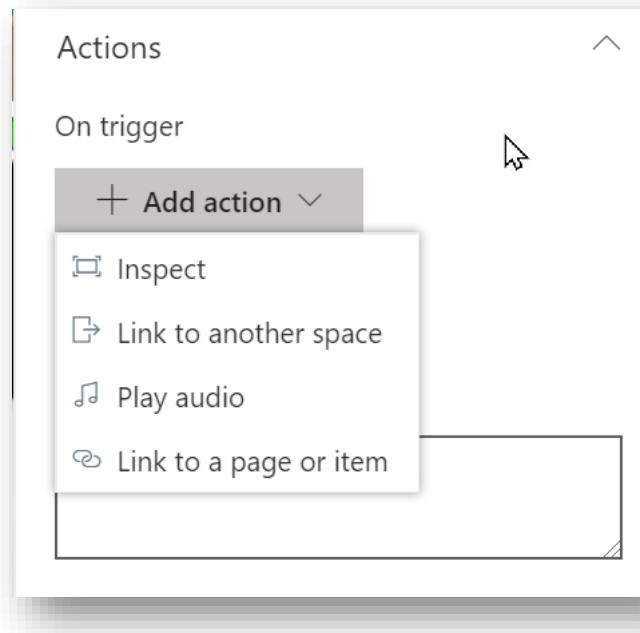
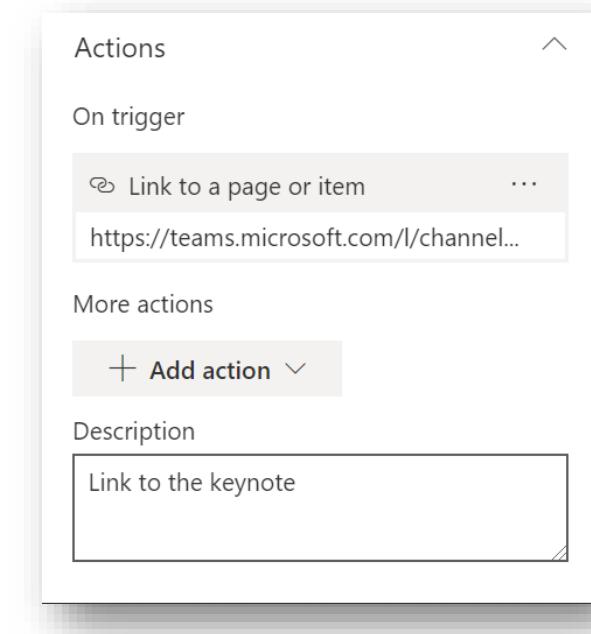
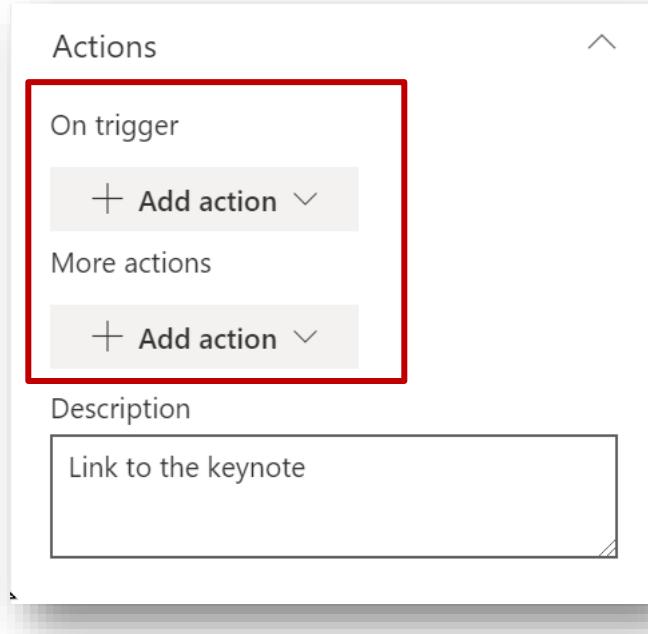


Sample of document library displaying in SharePoint Spaces

Step 4

Define Actions

- On Trigger
- More actions



Step 4 Launch Actions

Up to five actions
are possible

Actions

On trigger

- Link to a page or item <https://teams.microsoft.com/l/channel...> ...

More actions

- Link to a page or item [... > _layouts > 15 > Doc.aspx](#) ...
- Inspect ...
- Play audio [... > content](#) ...
 - Auto-play audio Off
- Link to another space [... > SitePages > Recreation-area.aspx](#) ...
- Link to another space [... > SitePages > Recreation-area.aspx](#) ...

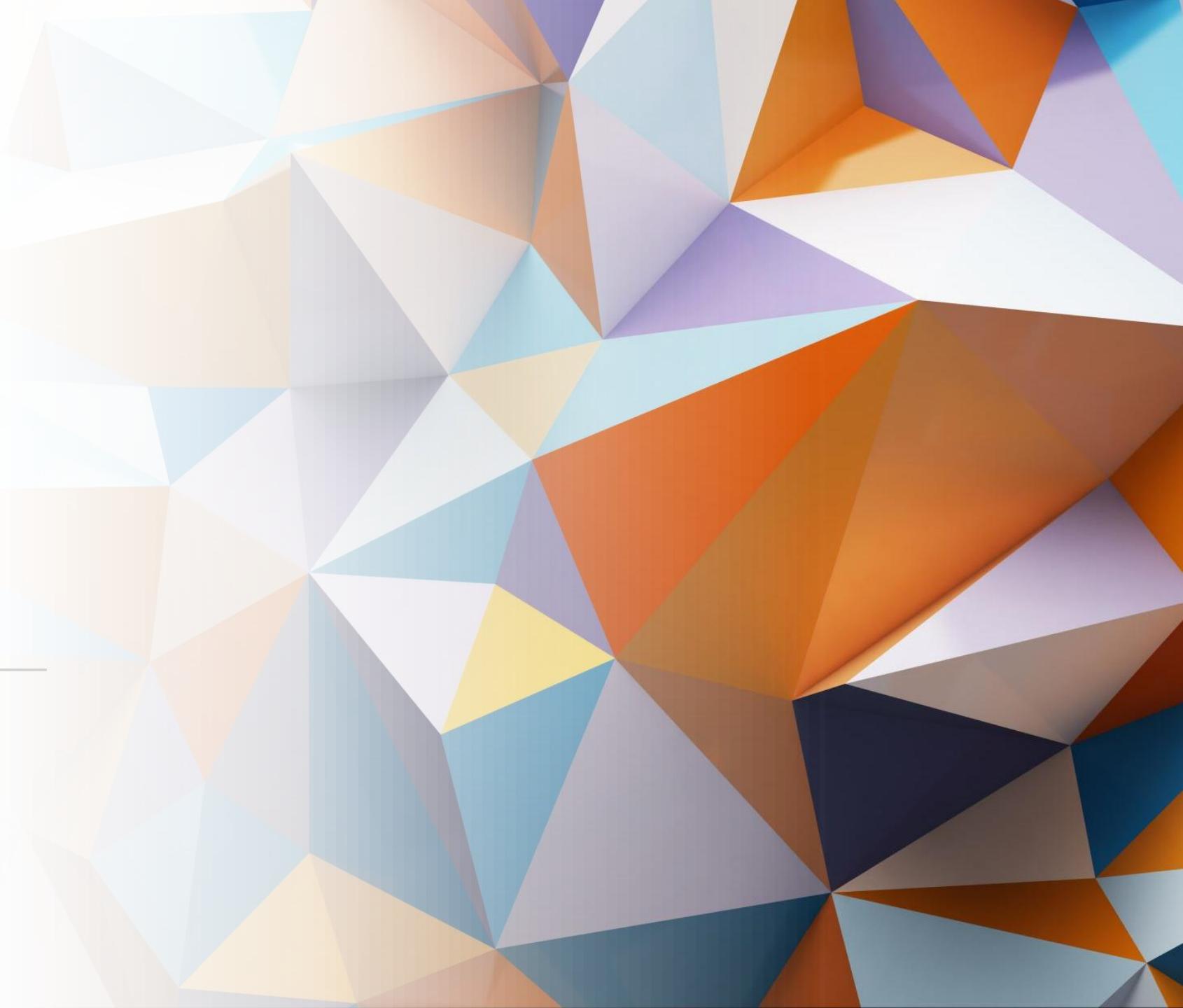
+ Add action ▾

Description

Links for the keynote

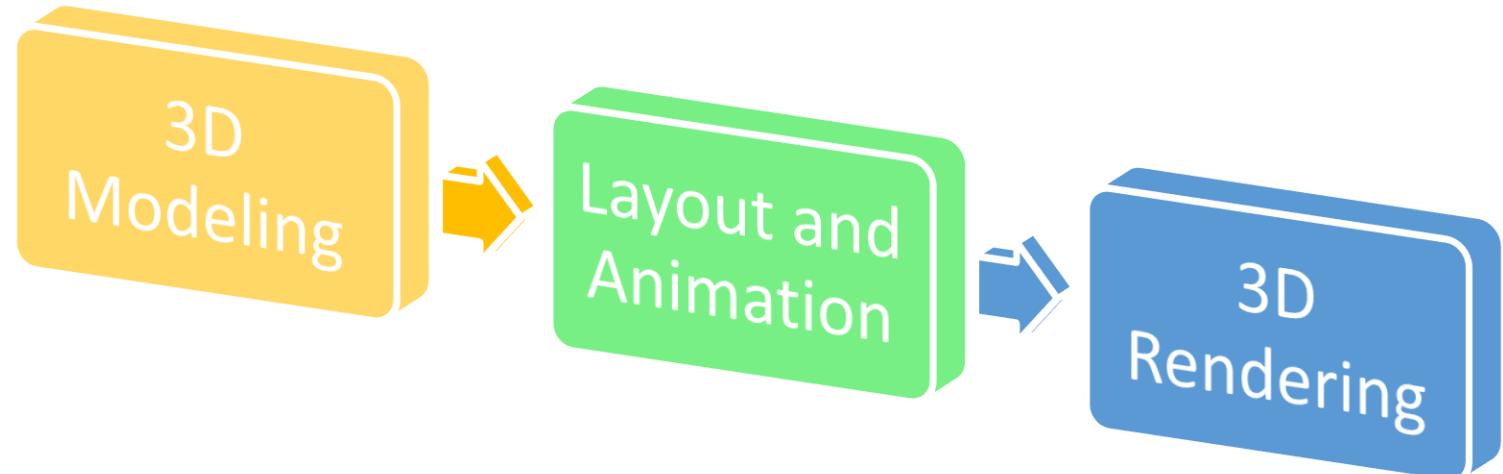


Better
understand
and
experience
3D and VR



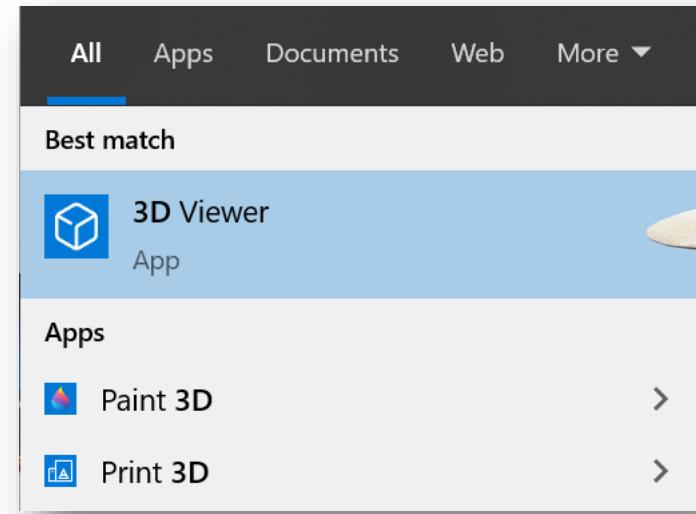
What is 3D?

- *Three-dimensional computer graphics are graphics that use a three-dimensional representation of geometric data [...] for the purposes of performing calculations and rendering 2D images.* [Wikipedia](#)
- *3 basic phases:*

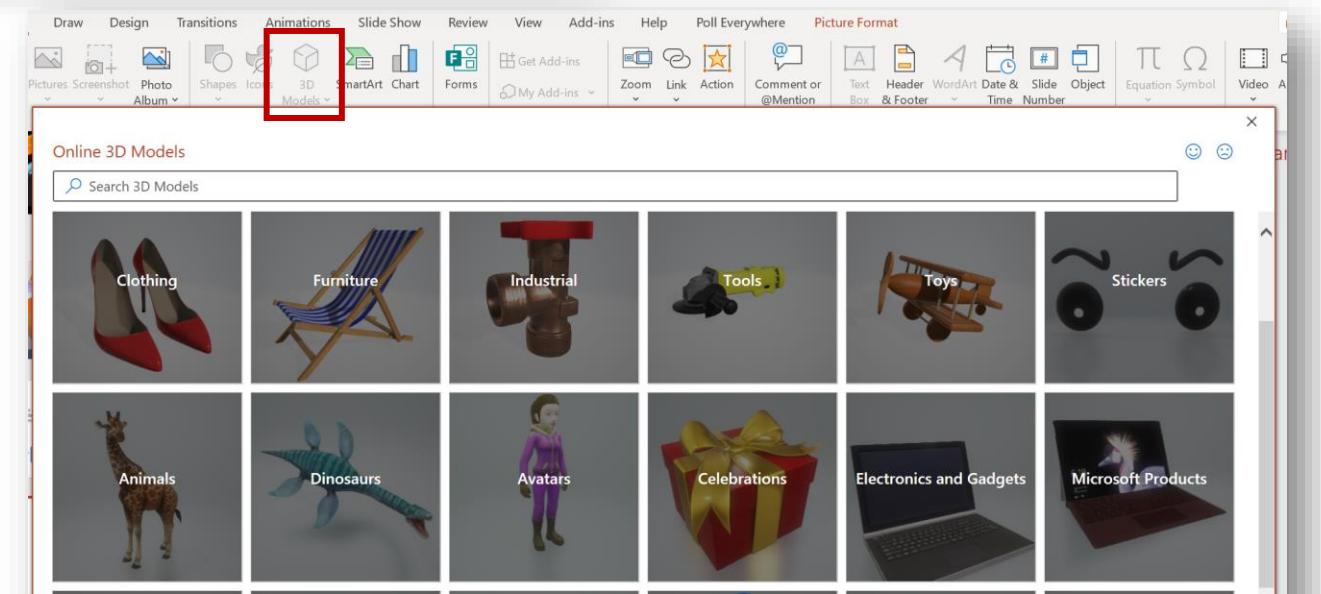


How can I experiment it?

- 3D in Windows 10



- 3D in PowerPoint



File Edit Tools View Help

3D library

Mixed reality Off



Environment & Lighting

Themes

Default

Save settings

Load settings

Light Rotation

Stats & Shading

Deselect All

Mesh Data

Triangles	51,731
<input checked="" type="checkbox"/> Vertices	29,614
UV Set 0	Yes
UV Set 1	No
Vertex Colors	No
Material IDs	1

Texture Data

Albedo	1
Normal	1
Specular/Metallic	1
Gloss/Roughness	1
Occlusion	1
Emissive	0

Animation 1 Quick Animations x 1.0

A photograph of a man with glasses, looking directly at the camera. A small 3D model of a bee is placed on his forehead. To the right of the photo is a screenshot of a 3D modeling software interface. The interface shows a 3D view of the bee model, a lighting and shading panel, and a stats panel. The stats panel shows mesh data (51,731 triangles, 29,614 vertices) and texture data (Albedo, Normal, Specular/Metallic, Gloss/Roughness, Occlusion, Emissive). An animation slider is set to 1.0.

Bee.glb in 3D Viewer

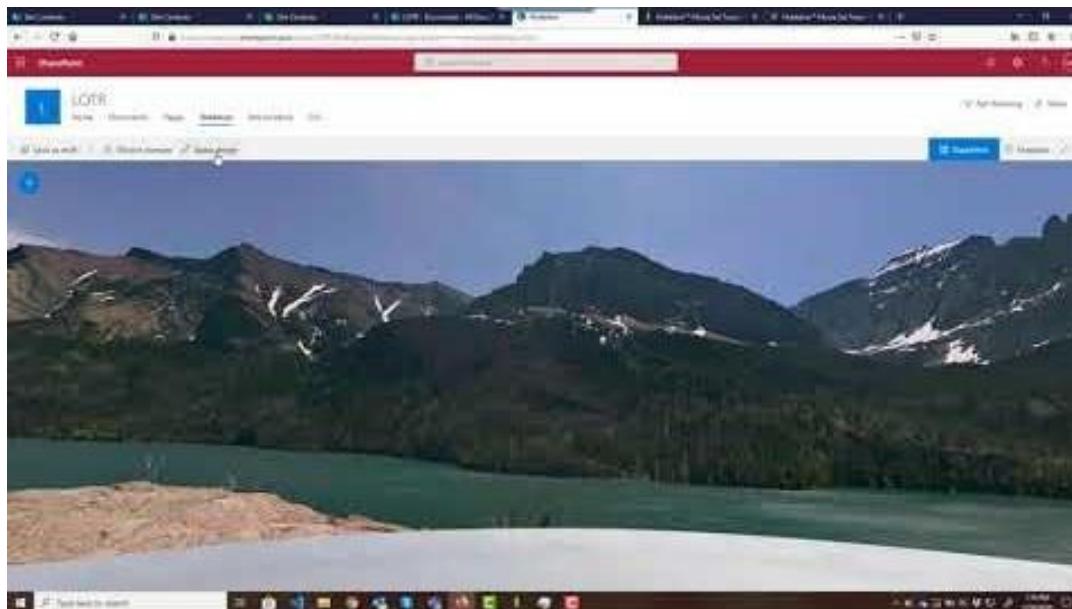
What is Mixed Reality? MR/AR/AV/VR ?

- **Mixed reality (MR)** is the merging of **real** and **virtual** worlds to produce new environments and visualizations.
- Mixed reality refers to a continuum. **Virtual reality (VR)** immerses users in a fully artificial digital environment.
- Augmented reality (AR) overlays virtual objects on the real-world environment.



How to enrich my SharePoint Spaces?

With 360 background images from best places in the world



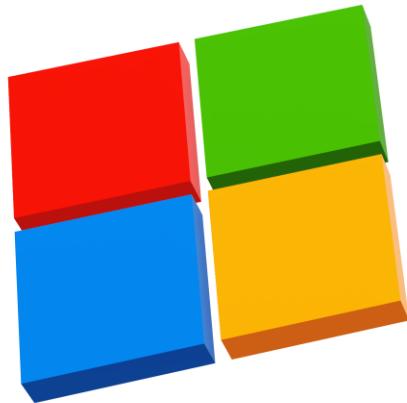
[Using Google Maps for SharePoint Spaces 360 background images](#)

With 3D objects from 2D images



[Easily Create 3D Objects from 2D Images for SharePoint Spaces](#)

My own 3D logo!



Microsoft 365

Getting started



Assets

360 Images: Most formats including TIFF, JPEG, PNG, GIF, PANO

360 Videos: Most formats including MP4, MOV, WMV

3D Models: GLTF, GLB, STL, FBX, COOL, OBJ, PLY, 3mf



Software

Authoring: Any modern browser

Consumption: Any WebVR- or WebXR-enabled browser (e.g., Edge, Chrome)



Hardware

Head-mounted display (HMD): Windows Mixed Reality, HTC Vive, Oculus Rift, Rift S and Quest

Computer: If your HMD requires a computer, review the specs for that HMD

Introduction to 3D Content Guidelines for Microsoft

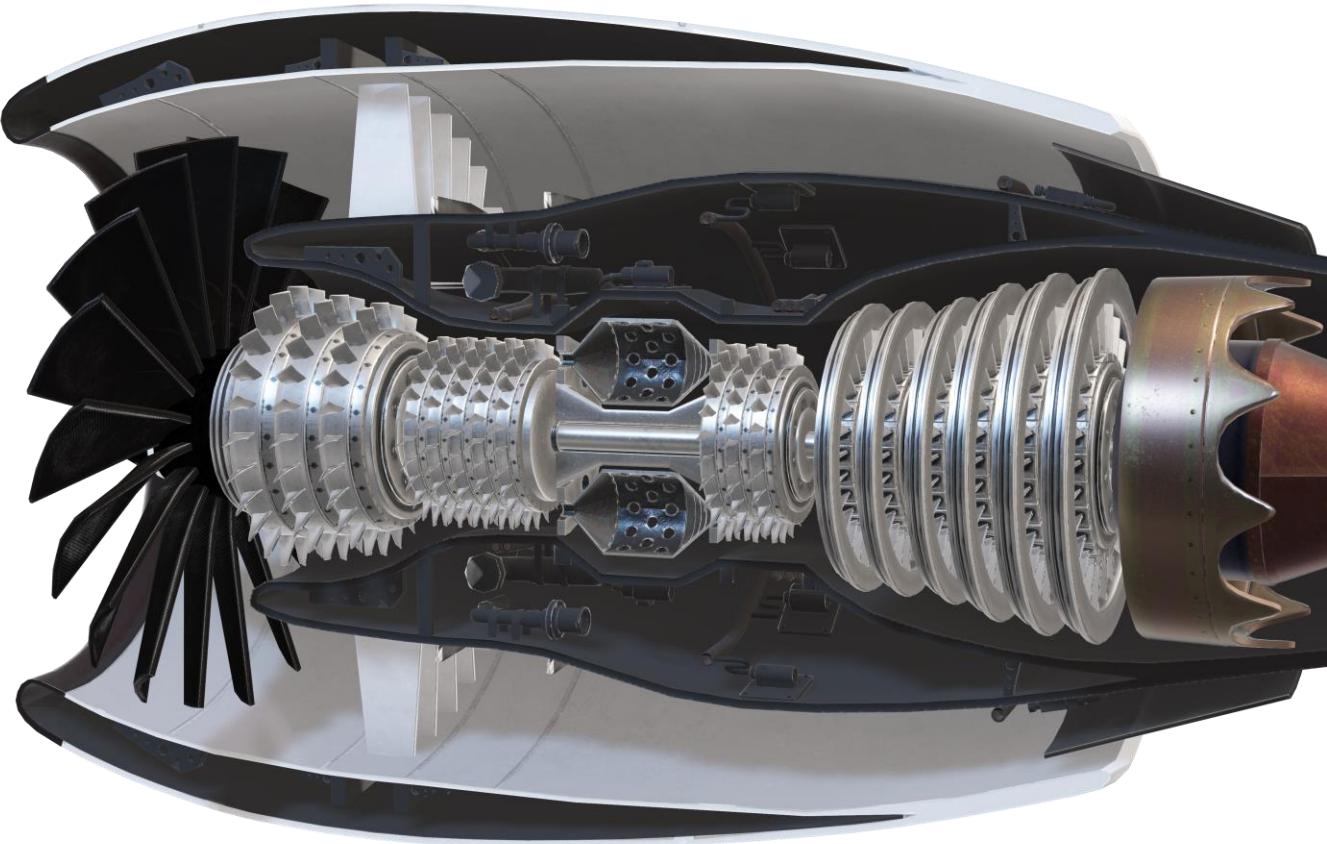
Guide overview

Whether you are a Microsoft Office 365 user looking to acquire 3D assets for your documents or a 3D professional creating content for your clients, this guide is designed to help you be more successful with 3D in Office.

The guide is split into four major parts:

- 01 3D Engine Overview**
- 02 Sourcing Assets**
- 03 Content Creation**
- 04 Additional Resources**

If 3D in Office 365 is new to you, be sure to check out this [quick start guide](#) and [video](#). These [templates](#) are also a great way to explore using 3D in PowerPoint and Word.



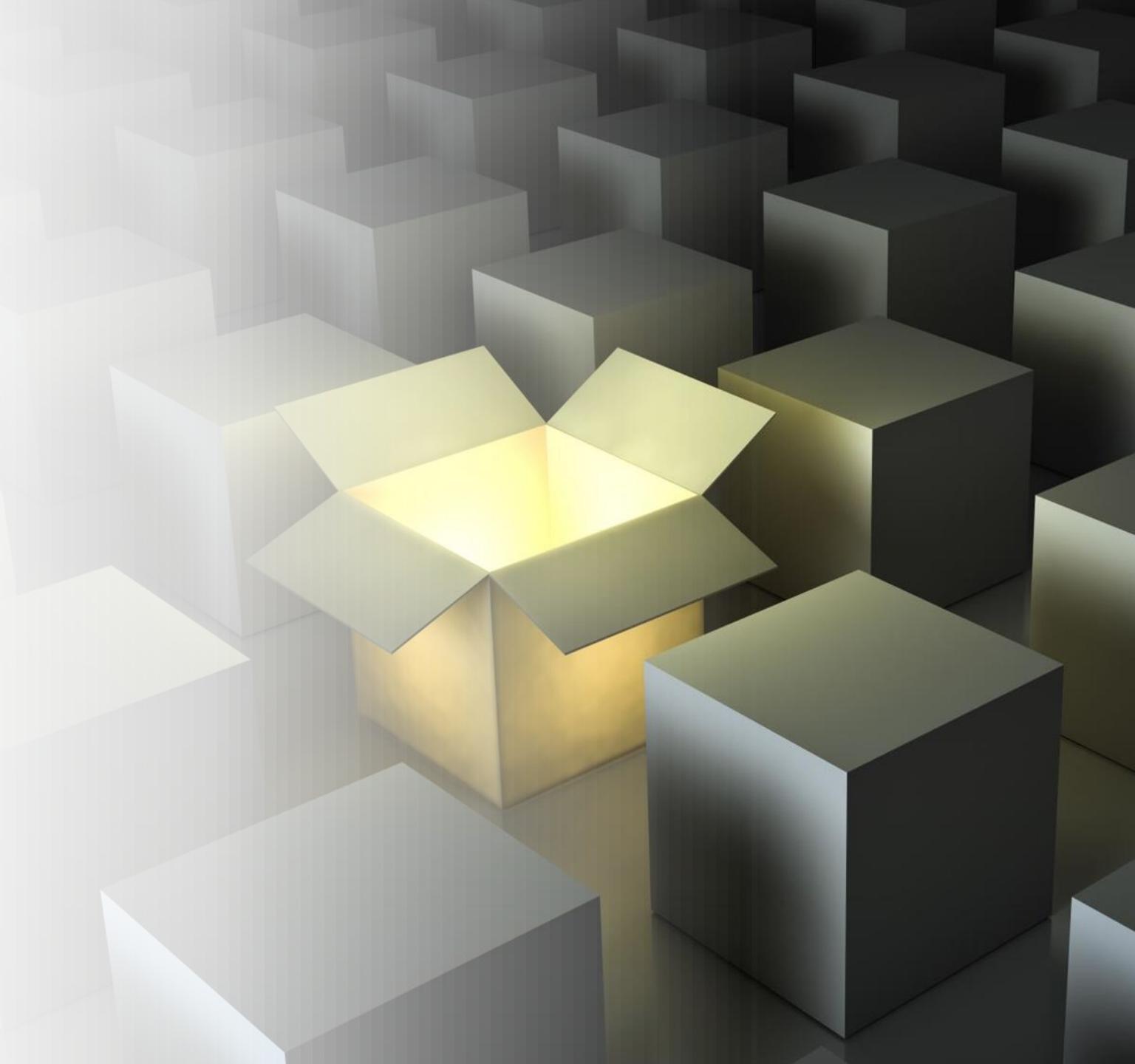


For which use cases?



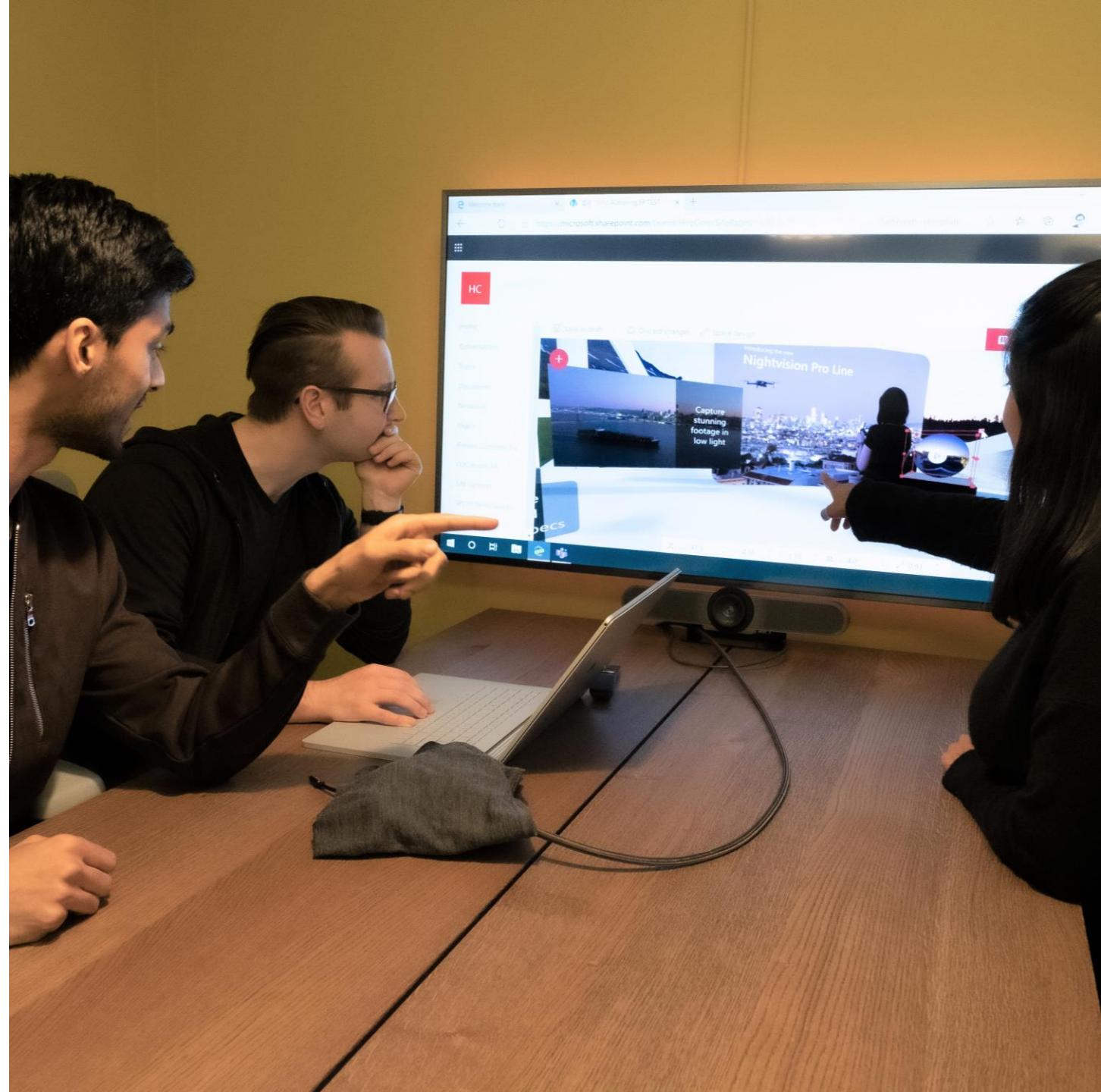


**For which use
cases?**



What is SharePoint spaces?

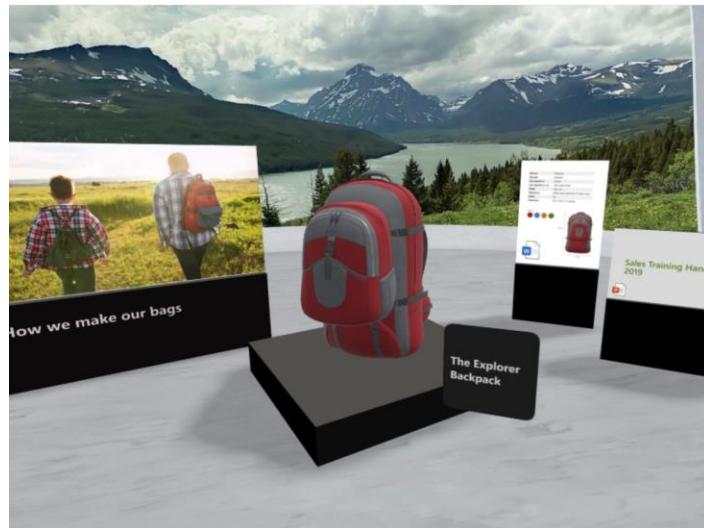
Spaces is a web-based authoring tool that gives SharePoint customers the power to tell rich, immersive stories in mixed reality.



What are some scenarios?



Onboarding and campus tours



Product catalogs and training



New product launches

Need help?

SharePoint spaces

SharePoint Online

SharePoint spaces is a web-based, immersive platform, which lets you create and share, secure and extensible mixed reality experiences. Add a new dimension to your intranet by using 2- and 3D web parts to create your mixed reality vision.

Building a space is a lot like building a modern site -- that is, you create the space and choose options such as structure, background, and theme. Add web parts for your 3D objects, 360° images and videos, 2D images and text, and more.

To get started, see the following helpful links.

How to create and build your space

[Create a SharePoint space](#)

[View and navigate a SharePoint space](#)

[Add and use web parts in a SharePoint space](#)

[Remove a web part from a SharePoint space](#)

[Set up the environment in a SharePoint space](#)

[Recommendations and best practices](#)

[Device support for SharePoint spaces](#)

How to use each web part

[Add a 3D object to a SharePoint space](#)

[Add a 360° image to a SharePoint space](#)

[Add a 360° video to a SharePoint space](#)

[Add a 2D video to a SharePoint space](#)

[Add text to a SharePoint space](#)

[Add an image to a SharePoint space](#)

[Add a document library to a SharePoint space](#)

[Add an org chart to a SharePoint space](#)

[Add a file viewer to a SharePoint space](#)

<https://support.microsoft.com/en-us/office/sharepoint-spaces-7b65edfb-7cc9-42e3-af37-178d79364a5e>

Les ressources **SharePoint Spaces** il y en a plein, par où commencer ?



To access resources showed by images, just click on the link on the right.

SharePoint Spaces

Resources

From Mark Rackley

[Easily Create 3D Objects from 2D Images for SharePoint Spaces](#)
[Using Google Maps for SharePoint Spaces 360 background images](#)
[SharePoint Spaces Is Here!](#) (with Teams and SharePoint animated logos)

From Patrick Guimonet

[First 3D steps in SharePoint Spaces!](#)
[Creating a 3D landing page for a corporate event with SharePoint spaces](#)

From Microsoft

[SharePoint Spaces documentation on Support.Microsoft.com](#)

Including [3D Content Guidelines for Microsoft](#).

<https://www.exploresharepointspaces.com/>
[Ignite 2018 – Keynote introducing SharePoint spaces](#)

Ignite 2019 – BRK2049 What's new and what's next: SharePoint spaces and mixed reality

[Get started with Mixed Reality on Docs.Microsoft.com](#)

From Michael Gannotti

[Create a Microsoft Teams Virtual Facilities Tour with SharePoint Spaces - HLS Show Me How](#)