



- BIM[] 2026[] BIM[]
- Building Information Modeling[] GB[] IFC[] Web[] 60FPS[]
- BIM[]
- 2026[] BIM[]
- BIM[] GB[]
- Tekla Structures[] 2026[] Web[]
- 2026[] Tekla[] BIM[]
- Tekla Structures[] 2026[] BIM[] Web[]
- Tekla Structures[] 2026[] BIM[] Web[]
- Three.js[] Babylon.js[] WebGL Demo[] GB[] BIM[]
- Web 3D[] Three.js[] GB[] BIM[]
- 2026[] BIMBase[] BIMFace[] BIM[]
- 2026[] BIM[] CG[] Web[]
- [] 2026[] BIM[] Web[]

2026

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 BIM  3D 

 CAD **BIM** "

ID"

☐ ☐ ☐ ☐ "BIM" ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Revit ☐ Tekla ☐ Archicad

-
- The diagram illustrates the evolution of the Web through four stages, each represented by a square box containing vertical lines of varying heights and widths, symbolizing documents or pages. The stages are labeled below the boxes: 1. A single document. 2. A small set of documents. 3. A larger set of documents labeled "BIM". 4. A large, interconnected network of documents labeled "Web". Arrows indicate the progression from left to right, showing the growth and increasing connectivity of the Web over time.

1. BIM 模型轻量化

WebGL/WebGPU 技术

2. 模型轻量化

- 模型轻量化 GB 模型 IFC 模型 60FPS
- 模型轻量化 IFC 模型
- 模型轻量化 IFC 模型 BIM 模型

3. BIM 模型轻量化

4. BIM 模型轻量化

“ ” “ ”

5. IFC 模型轻量化

Tekla Revit

6. 60FPS

7. Web BIM 模型轻量化

8. IFC 模型轻量化

<https://www.lingyanspace.com/source/48405271767160837>

9. BIM 模型轻量化

Building Information Modeling

GB IFC Web 60FPS

Building Information Modeling Web bim web-ifc
GB 60FPS

Building Information Modeling Web

BIM Building Information Modeling GB

Web Three.js

1. 60FPS
2. IFC
3. IFC

Web-IFC

1. IFC

Web-IFC C++ JavaScript WASM C++
IFC

2. Thin Instance

BIM Instance Calls Thin GPU Draw

3.

BIM

BIM

BIM

- GB
-
-

BIM

BIM

- 60FPS
-
- Building Information Modelling

BIM

<https://www.lingyanspace.com/source/48405271767160837>

-
-
- Web-IFC

[illegible]

Diagram illustrating the Bimodal Buffer (BIM) structure. The structure consists of three rows of buffers:

- Top row: Two 2x2 grids labeled "BIM" and a long 1x16 grid.
- Middle row: A 1x8 grid and a long 1x16 grid labeled "GB".
- Bottom row: A 1x8 grid.

Web ☐ ☐ ☐ ☐ BIM

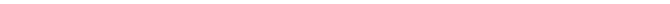
 BIM  “” 

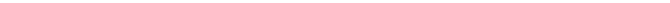
BIM

BIM

Software	USA	Canada	Mexico	Latin America
Revit	10	10	10	10
Tekla	10	10	10	10
BIM	10	10	10	10

BIM 



 "  " 

Web ☐ BIM ☐

IFC



Web BIM

Web BIM 技术

Web BIM “ ” “ ”

- 60FPS 60 GB
- Web-IFC BIM
- BIM



BIM

IFC

1. Web BIM
2. Web BIM
3. Web BIM



BIM

Web BIM

<https://www.lingyanspace.com/source/48405271767160837>

BIM

2026 BIM



BIM BIMU Web BIM IFC
 GB 60FPS BIM

BIM

BIM Bimu

- 1.
- 2.
- 3.

Web BIM



Web BIM " "

- IFC Revit Tekla Archicad
- BIM
-



1.

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Diagram illustrating a sequence of frames. The first frame is labeled **BIM** and the second frame is labeled **60FPS**. The remaining 14 frames are empty.

[illegible]

Web[[[

2.

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IFC

BIM ☐ ☐ ☐ ☐

3.

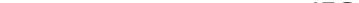
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Building Information Modeling

[illegible]

BIM

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- 

BIM 

BIM [] [] [] []

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44

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" "

						"	
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[illegible][illegible]

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<https://www.lingyanspace.com/source/48405271767160837>

[illegible]BIM

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BIM



GB

1. BIM
 2. BIM
 3. Web-IFC
 4. GB
 5. 60FPS
 6. BIM

BIM

1. 26384
 2. "BIM"
 3. BIM
 4. Building
 5. Information Modeling

1. "BIM"
 2. "BIM"
 3. BIM

BIM

1. BIM
 2. BIM

1. BIM
2. BIM
3. BIM

Web BIM

Web BIM

- **Web-IFC** 用 C++ WASM IFC
- 用 Thin Instance GPU
- **60FPS** GB 60

BIM

BIM Bimu

- PC
- BIM
-

BIM Web

IFC

<https://www.lingyanspace.com/source/48405271767160837>

BIM

Tekla Structures



2026 Web



Tekla Structures Web GB 60FPS Tekla Bimsight IFC

Tekla “ ”

Tekla Structures Steel Detailing GB

1. GB Tekla software
2. Tekla Bimsight
- 3.

IFC

- Trimble Tekla IFC
- IFC BIM ID
 - Revit Archicad IFC

IFC Web



Web 60FPS

- Web-IFC
- GB Thin Instance
- 60FPS
- BIM



Tekla

1. Tekla Structures IFC
2. IFC
- 3.
- 4.

Tekla Warehouse



Tekla

Tekla

Web

<https://www.lingyanspace.com/source/48405271767160837>

BIM

2026 Tekla



BIM



Tekla Tekla Trimble Tekla Tekla Warehouse
 Web GB IFC 60FPS Steel Detailing
 BIM

Tekla

Steel Detailing Tekla Structures
 Tekla

- Tekla Tekla
1. Tekla Warehouse
 2. Tekla Warehouse
 3. Tekla Warehouse

Tekla User Assistance Tekla Discussion Forum

Tekla Warehouse



Tekla Warehouse “ ” “ ”

1. **BIM**

- 100% 100%
- 100% 100%
- 100% 100%

 GB Tekla Bimsight Tekla BIM

2. **IFC**

Trimble Tekla Building Information Modeling IFC IFC

- 100% 100% Part ID
- 100% 100% Revit Archicad Web IFC

IFC Web

3. **Web 60FPS**

BIM

1.
 - **Web-IFC** C++ WASM JavaScript GB
 - GPU 60FPS Thin Instance
 - **BIM**

2. **Tekla Bimsight**

- Windows Mac Linux
-
-



WBS□□□□□

- | | |
|--|--|
| | |
|--|--|

Tekla Admin Tool

RBAC□□

- $\frac{1}{10}$ / $\frac{1}{10}$ 
- $\frac{1}{10}$ / $\frac{1}{10}$ 
- $\frac{1}{10}$ / $\frac{1}{10}$ 

BIM [illegible]

How to use Tekla in steel

detailing

[illegible]

Tekla

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Web

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<https://www.lingyanspace.com/source/48405271767160837>

Tekla Warehouse ☐ ☐ ☐ ☐

Tekla Bimsight ☐ ☐ ☐ ☐ ☐ ☐

BIM

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Tekla Structures

2026

BIM Web

Tekla Structures Tekla Software Tekla Trimble Tekla
Tekla Warehouse
GB IFC 60FPS Steel Detailing

Tekla Structures

BIM Tekla Structures Steel Detailing
BIM

Tekla Software

1. Tekla Structures Download
- 2.
- 3.

Tekla Tekla

Tekla Warehouse

- GB
- Tekla Bimsight
- BIM

IFC

Trimble Tekla Building Information Modeling

- Part ID
- Revit Archicad Web IFC

IFC Web

Web 60FPS

BIM

1.

- Web-IFC C++ WASM JavaScript GB
- Thin Instance 60FPS GPU
- BIM

2. Tekla Bimsight

- Windows Mac Linux
-
-



WBS□□□□□

1. 
2. 
3. 



RBAC□□

- $\frac{1}{10}$ / $\frac{1}{10}$ 
- $\frac{1}{10}$ / $\frac{1}{10}$ 
- $\frac{1}{10}$ / $\frac{1}{10}$ 



BIM



detailing

How to use Tekla in steel



Tekla

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Web

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<https://www.lingyanspace.com/source/48405271767160837>



Tekla Warehouse ☐ ☐ ☐ ☐

Tekla Bimsight ☐ ☐ ☐ ☐ ☐ ☐

BIM



Tekla Structures



2026

Web BIM



Tekla Structures Tekla Software Tekla Trimble
Tekla Warehouse
Web GB IFC 60FPS Steel Detailing
BIM

Tekla Structures



BIM Tekla Structures Steel Detailing
BIM

Tekla Software

1. Tekla Structures Download .NET
2. " " "
- 3.

Tekla Tekla Tekla Software

☐ ☒ Tekla Warehouse ☐☐☐☐☐☐

Tekla Warehouse

House Tools

Top Super Tekla Ware

-
- The diagram illustrates three different ways to represent the number 100 using blocks. Each row is preceded by a black dot.
- Row 1:** Shows 10 blocks of 10 units each, totaling 100 units. The label "GB" is at the end.
 - Row 2:** Shows 10 blocks of 10 units each, totaling 100 units. The label "MPS" is at the end.
 - Row 3:** Shows 10 blocks of 10 units each, totaling 100 units. The label "MPS" is at the end.

Tekla Bimsight

BIM

IFC



Trimble Tekla
Building Information Modeling

IFC  IFC

-   Part ID 
 -   Revit  Archicad  Rhino  Web  IFC 
-  "  " 

IFC

Web□□□□□

Web 60FPS

[illegible]

BIM ☐ ☐ ☐ ☐

1.

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- **Web-IFC**   C++  WASM  JavaScript  GB
 "  "
-   Thin Instance
 GPU  **60FPS** 
-  **BIM** 



2. Tekla Bimsight

- Windows Mac Linux iOS Android
- BIM
-

BIM

MPS WBS

1. Web IFC ERP
2. Web
- 3.

Tekla Admin Tool

Tekla Admin Tool Tekla Login / Tekla Admin

RBAC

- /
- /
- /
-

BIM

FAQ

Q1: Archicad BIM A: IFC Tekla Structures Revit

Q2: A: Building Information Modelling

Q3: A: WebGL/WebGPU GB

Q4: Tekla Warehouse A: IFC

BIM

steel detailing Tekla Tutorial

Tekla Web <https://www.lingyanspace.com/source/48405271767160837>

Tekla Warehouse Tekla Bimsight BIM BIM

Three.js & Babylon.js

WebGL Demo

GB & BIM

Three.js & Babylon.js Web 3D WebGL Samples BIM
IFC 60FPS
3D BIM

Web 3D Three.js & Babylon.js

Three.js & Babylon.js Web 3D
Three.js & Babylon.js
Babylon JS

- Three.js WebGL Samples
- Babylon.js

BIM

WebGL Demo

WebGL Demo GB
Three JS & Babylonjs

1. 60FPS
2. IFC JS
- 3.

4. 模型 模型数据



BIM模型

模型 Demo 产品 模型数据

- **Web-IFC** 模型 模型 C++ WASM 模型 JavaScript 模型 GB
- **Thin Instance** 模型 模型 BIM 模型 GPU
- 模型 60FPS 模型
- 模型 模型



BIM模型

模型 BIM 模型
WebGL 模型

1. 模型

模型 Tekla 模型 Revit 模型 IFC 模型

2. 模型

模型 IFC 模型

3. 模型

模型



Web 3D模型

模型 模型
模型

GB

模型 BIM 模型

<https://www.lingyanspace.com/source/48405271767160837>

- Web 3D
- Web
- **Three.js**

FAQ

Q1: **Three.js/Babylon.js** A: WebGL
 BIM

Q2: **WebGL** A: API
 API

Q3: A: IFC BIM

Web 3D

Threejs BIM

BIM

<https://www.lingyanspace.com/source/48405271767160837>

Web 3D “ ” “ ”

Web 3D

Three.js

GB BIM

Three.js

Babylon.js

Web 3D

WebGL Samples

BIM

IFC

60FPS

3D

BIM

Web 3D

Three.js

Babylon.js

Three.js

Babylon.js

Web 3D

Babylon JS

- Three.js

WebGL Samples
- Babylon.js

BIM

WebGL Demo

WebGL Demo

Three JS

Babylonjs

GB

1. 60FPS
2. IFC
3. JS

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- Web 3D
- Web
- **Three.js**

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FAQ

Q1:

Three.js/Babylon.js

[illegible]

WebGL

[illegible]

Q2:

WebGL

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A:

[illegible]

API

[illegible]

Q3:

A:

--	--	--	--	--	--

IFC

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[illegible]

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Web 3D

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Threejs

[illegible]

BIM

[illegible]BIM

3D

Web 3D

“ ” “ ”

2026 BIMBase BIMFace

BIM

BIMBase BIMFace BIMBase Lite BIMBase BIMFace
BIM GB Web 60FPS
IFC BIM

BIM BIMBase BIMFace

BIM
BIMBase 1849 BIMFace 323+

- BIMBase BIMBase Lite
BIMBase
BIMFace BIM BIM

- GB
- Tekla Revit IFC
-
-

对比 BIMBase vs BIMFace

对比内容

对比维度

对比维度	BIMBase / BIMBase Lite	BIMFace / 轻量化 BIM	备注
运行环境	支持 Windows / Linux / macOS / iOS / Android / WebGL Lite 版本支持 WebGL	支持 Windows / Linux / macOS / iOS / Android / WebGL	Web 端 60FPS 运行 IFC 模型
模型格式	支持 IFC / Revit / Archicad / Tekla / ...	支持 IFC / Revit / Archicad / Tekla / ...	支持 Thin Instance 模型格式，GB 模型格式
性能	支持 IFC / Revit / Archicad / Tekla / ...	支持 IFC / Revit / Archicad / Tekla / ...	支持 IFC / Revit / Archicad / Tekla / ...
部署方式	支持 SaaS / 本地部署 / 私有化部署	支持 SaaS / 本地部署 / 私有化部署	支持 SaaS / 本地部署 / 私有化部署
数据安全	支持数据加密 / 权限控制 / ...	支持数据加密 / 权限控制 / ...	支持数据加密 / 权限控制 / ...

对比结果

- 支持 IFC / Revit / Archicad / Tekla / ...
 - 支持 IFC / Revit / Archicad / Tekla / ...
 - 支持 IFC / Revit / Archicad / Tekla / ...
- BIMBase 对比 BIMFace

对比 BIMBase/BIMFace

对比内容

对比维度

BIM 模型格式

1. 60FPS 运行 IFC 模型

支持 Thin Instance 模型格式，GB 模型格式，支持 IFC / Revit / Archicad / Tekla / ...，支持 SaaS / 本地部署 / 私有化部署，支持数据加密 / 权限控制 / ...

2. IFC 模型格式

C++ WASM Web-IFC
 Tekla Revit IFC “ ”
 ”

3.

BIM
 “ ”

4.

BIMBase/BIMFace
 BIM

BIMBase BIMFace

1. Tekla/Revit IFC IFC2x3 IFC4
 2. IFC
 3.
 4.

FAQ

Q1: BIMBase/BIMFace A: IFC

Q2: BIMBase A: Web

Q3: A:

Q4: A: BIM



GB



60FPS



<https://www.lingyanspace.com/bim/share/BIMSpaceServer/ShareOctet/BIMTool/46681467694090246?code=123>



<https://www.lingyanspace.com/source/48405271767160837>



www.lingyanspace.com

BIMBase



BIMFace



BIM



2026

BIM

CG

Web

2026
“cg” “” “” “”
BIM Web BIM

GB IFC BIM

“cg” “” 70313 “” “49447” “” “61070” “”
”1736 FBX OBJ GLTF

- CG BIM
- FBX/OBJ
- Web

BIM “” “”

BIM

BIM

1. **GB** **IFC** **60FPS** Thin Instance

C++ Web-IFC
Three.js/Babylon.js

2. IFC Part ID

3. PC

4.

BIM

• ERP/MES

gains

-
-
-

BIM

Web BIM

BIM

IFC

• GB

• API SDK

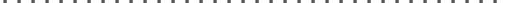
BIM

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BIM

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Web

[illegible][illegible]

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2026



BIM



Web



Modaiyun Kujiale “ ”
1 “www.kujiale.com” 6
BIM IFC
“ ” “ BIM ”
Web BIM



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-
- FBX/OBJ
- GB 500MB
-

NC

“ ” “ ” BIM “ ” “ ” “ ”

1.1 BIM应用

1.1.1 Web BIM应用 -

1. GB IFC 60FPS Thin Instance C++ Web-IFC
Three.js/Babylon.js
2. IFC Part ID
3. PC
- 4.

1.2 BIM应用

- ERP/MES
-
-

1.3 BIM应用 “ ” “ ”

1.4 Web BIM应用

1.4.1 BIM IFC

- GB
- API SDK BIM
-

[illegible]

IFC□□□□□□

Web

□□□□ BIM □□□□□□□□

<https://www.lingyanspace.com/bim/share/BIMSpaceServer/ShareOctet/BIMTool/46681467694090246?code=123>

<https://www.lingyanspace.com/source/48405271767160837>

www.lingyanspace.com

BIM

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