



Empowering DXP with Autonomy: Building Agents and Assistants in Ibexa DXP

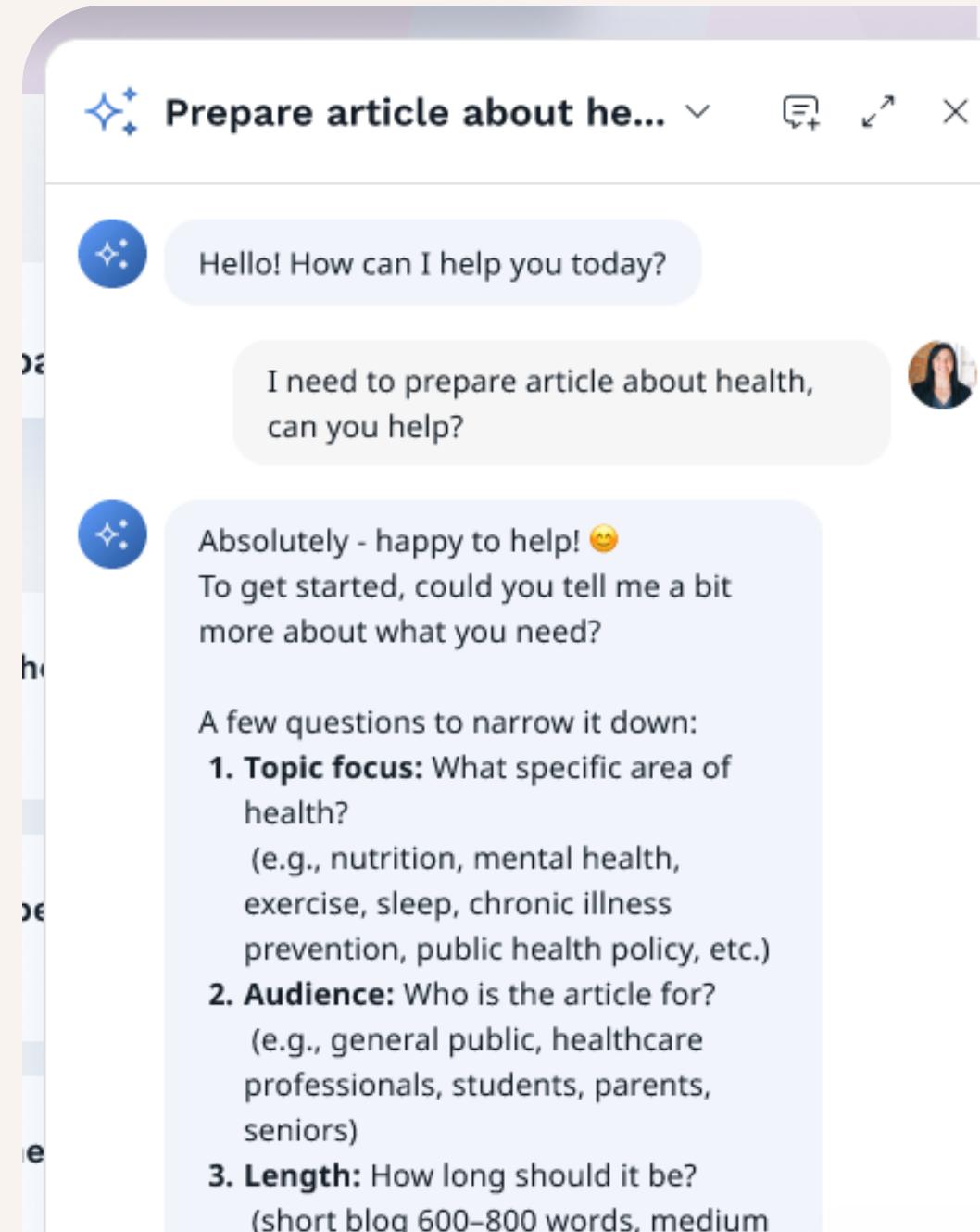
ibexa
—Summit 2026—

What is **ibexa/ai-assistant-ui** ?

The **ibexa/ai-assistant-ui** is a library providing ***reusable components*** to build AI Assistants.

Key Features

- 💡 **Layout adapting to the use-case** like ad-hoc questions, side-by-side and/or deep work
- 💡 Support for **Text, Voice & File upload input**
- 💡 **Interactive output** e.g., text, images, product carousel with **custom message types** support
- 💡 LLM **vendor agnostic** with OpenAI and Ibexa Orchestration Platform support out-of-the-box
- 💡 **Conversation history & management**
- 💡 **Context awareness** and ability to directly interact with active page
- 💡 Localization and internationalization included by default (EN, DE, FR, ES)
- 💡 **Keyboard navigation** and **accessibility**
- 💡 **Reusable components** distributed as frontend library (NPM package)



The screenshot shows a conversational AI interface. At the top, a blue header bar displays the text "Prepare article about he..." with a dropdown arrow, and icons for settings, refresh, and close. The main area is a light blue box containing a conversation. On the left, a blue circular icon with a white starburst contains a smaller blue icon with a white starburst. To its right, a light blue speech bubble contains the text "Hello! How can I help you today?". Below this, another light blue speech bubble contains the text "I need to prepare article about health, can you help?". To the right of this bubble is a small circular profile picture of a woman with dark hair. Further down, another blue circular icon with a white starburst is followed by a light blue speech bubble containing the text "Absolutely - happy to help! 😊 To get started, could you tell me a bit more about what you need?". At the bottom, a light blue speech bubble contains the text "A few questions to narrow it down: 1. **Topic focus:** What specific area of health? (e.g., nutrition, mental health, exercise, sleep, chronic illness prevention, public health policy, etc.) 2. **Audience:** Who is the article for? (e.g., general public, healthcare professionals, students, parents, seniors) 3. **Length:** How long should it be? (short blog 600-800 words, medium".

Add GH registry

Create `.npmrc` file in your project root directory:

```
● ● ●

# Use GitHub Packages for @ibexa scope
# Provide a PAT via env var GH_PACKAGES_TOKEN with at least read:packages

registry=https://registry.npmjs.org/
@ibexa:registry=https://npm.pkg.github.com
//npm.pkg.github.com/:_authToken=${GH_PACKAGES_TOKEN}
always-auth=true
```

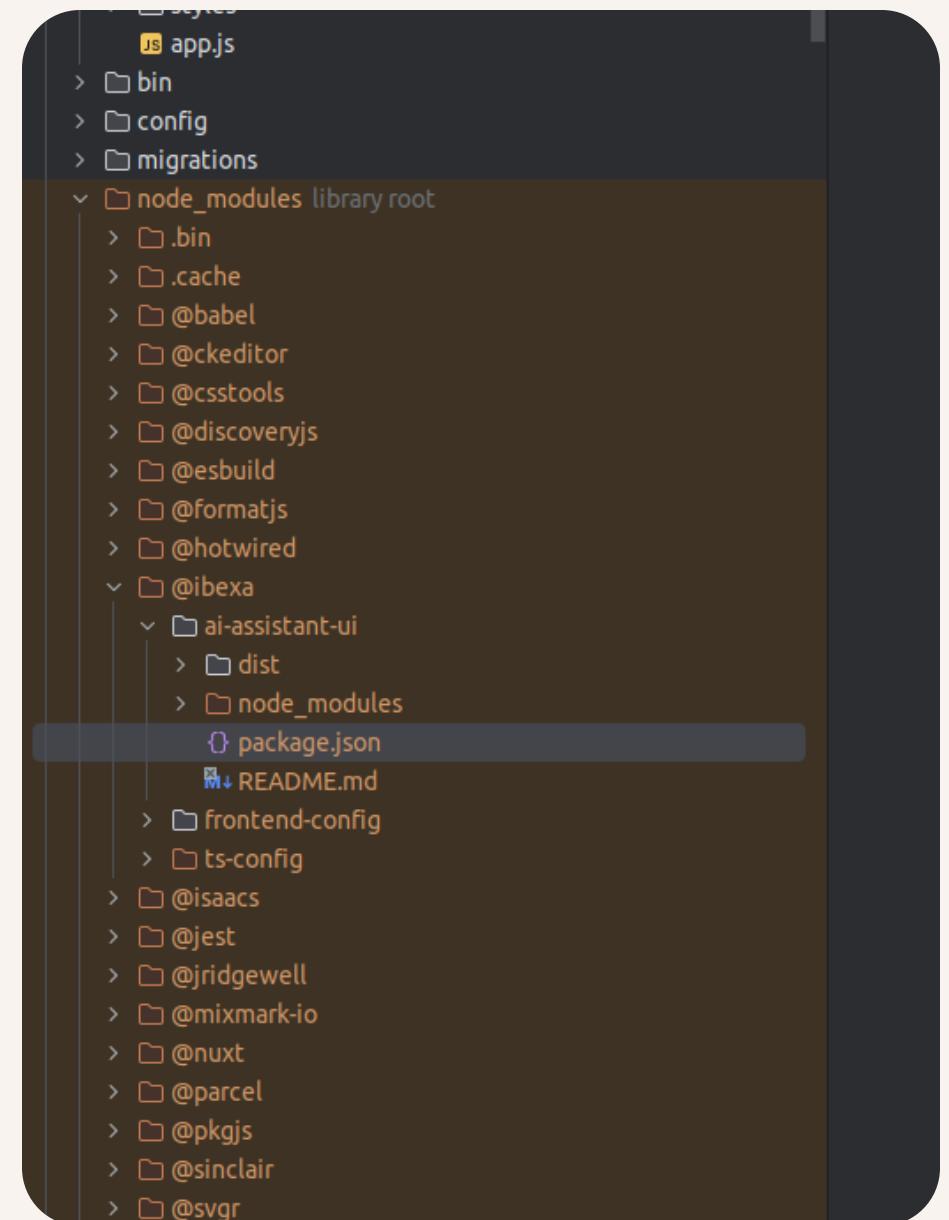
Installation

Run in your terminal:



```
$ yarn add @ibexa/ai-assistant-ui
```

After successful installation you should be able to see `@ibexa/ai-assistant-ui` in `node_modules`



Basic usage



```
import '@ibexa/ai-assistant-ui/styles.css';

import React from 'react';
import * as ReactDOMClient from 'react-dom/client';
import {Assistant, EchoAdapter} from '@ibexa/ai-assistant-ui';

document.addEventListener('DOMContentLoaded', () => {
    const adapter = new EchoAdapter("Hello from Ibexa AI Assistant!");
    const root = ReactDOMClient.createRoot(document.querySelector('#ai-assistant-root'));

    root.render(<Assistant adapter={adapter} />);
});
```

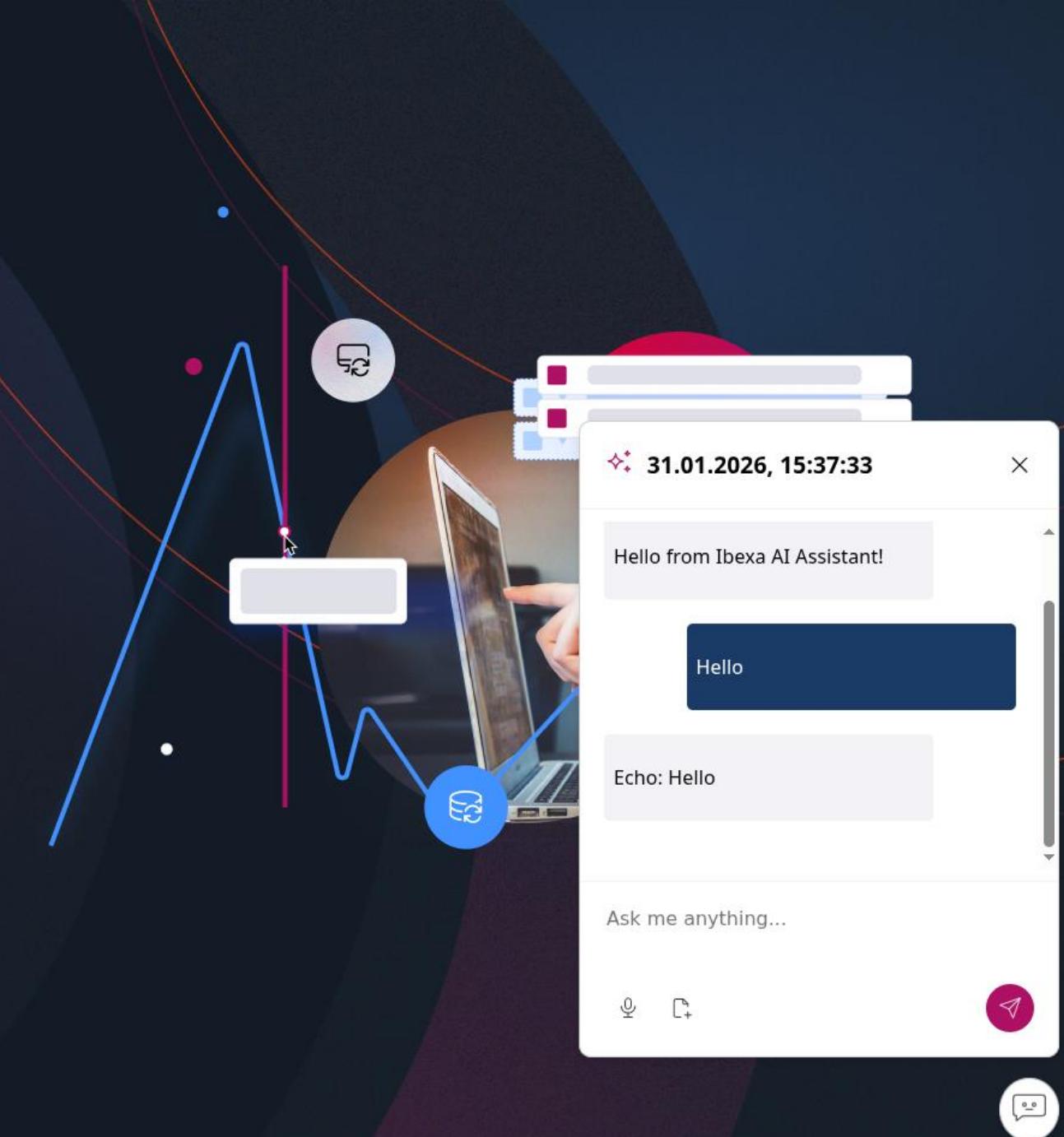
/assets/app.js

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Demo



Options

<i>Option</i>	<i>Description</i>
title	Default Assistant Title
adapter	Adapter used to connect to backend
layout	Layout used to render Assistant. floating by default
conversationId	ID of the last conversation
avatar	Name and profile image URL used as assistant identity
currentUser	Current user's ID, name, and profile picture (URL)
locale	Current locale used by Assistant, e.g., <i>en</i> , <i>fr</i> , <i>de</i> , <i>es</i>
input	Flag indicating available input types (text , voice , file)
closable	Flag defining whether the Assistant can be closed by the user
allowFullscreen	Flag indicating if Toggle Full Screen action is available
allowConversationManagement	Flag indicating if conversation management is enabled.
...	...

Switch to Open AI adapter



```
import '@ibexa/ai-assistant-ui/styles.css';

import React from 'react';
import * as ReactDOMClient from 'react-dom/client';
import {Assistant, EchoAdapter, OpenAIAdapter} from '@ibexa/ai-assistant-ui';

document.addEventListener('DOMContentLoaded', () => {
    const adapter = OpenAIAdapter.fromConfig({
        apiKey: 'sk-proj-....',
        model: 'gpt-5'
    })

    const root = ReactDOMClient.createRoot(document.querySelector('#ai-assistant-root'));
    root.render(<Assistant adapter={adapter} title="Assistant" />);
});
```

Switch to Open AI adapter



```
import '@ibexa/ai-assistant-ui/styles.css';

import React from 'react';
import * as ReactDOMClient from 'react-dom/client';
import {Assistant, EchoAdapter, OpenAIAdapter} from '@ibexa/ai-assistant-ui';

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});
```

Switch to Open AI adapter

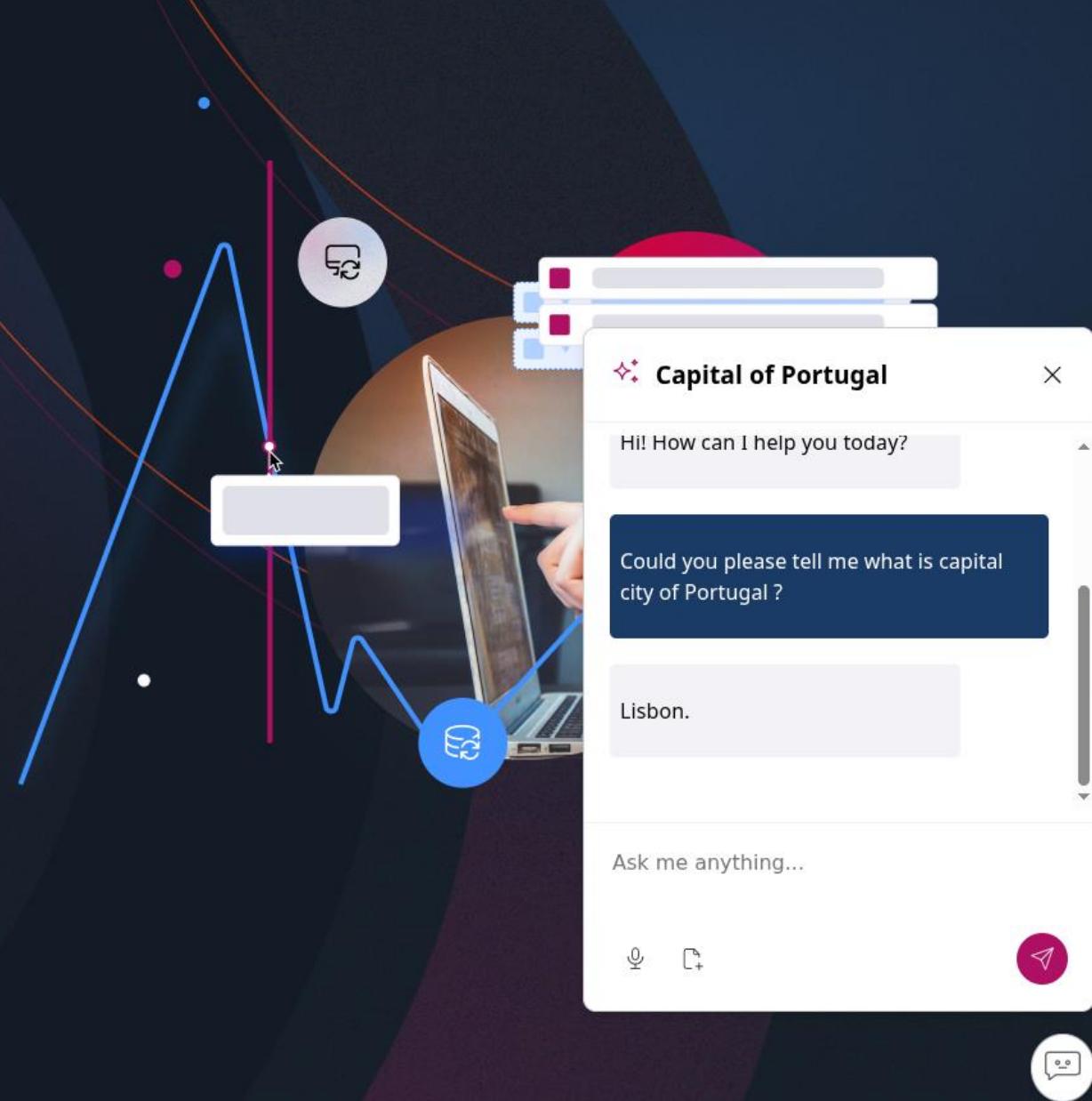
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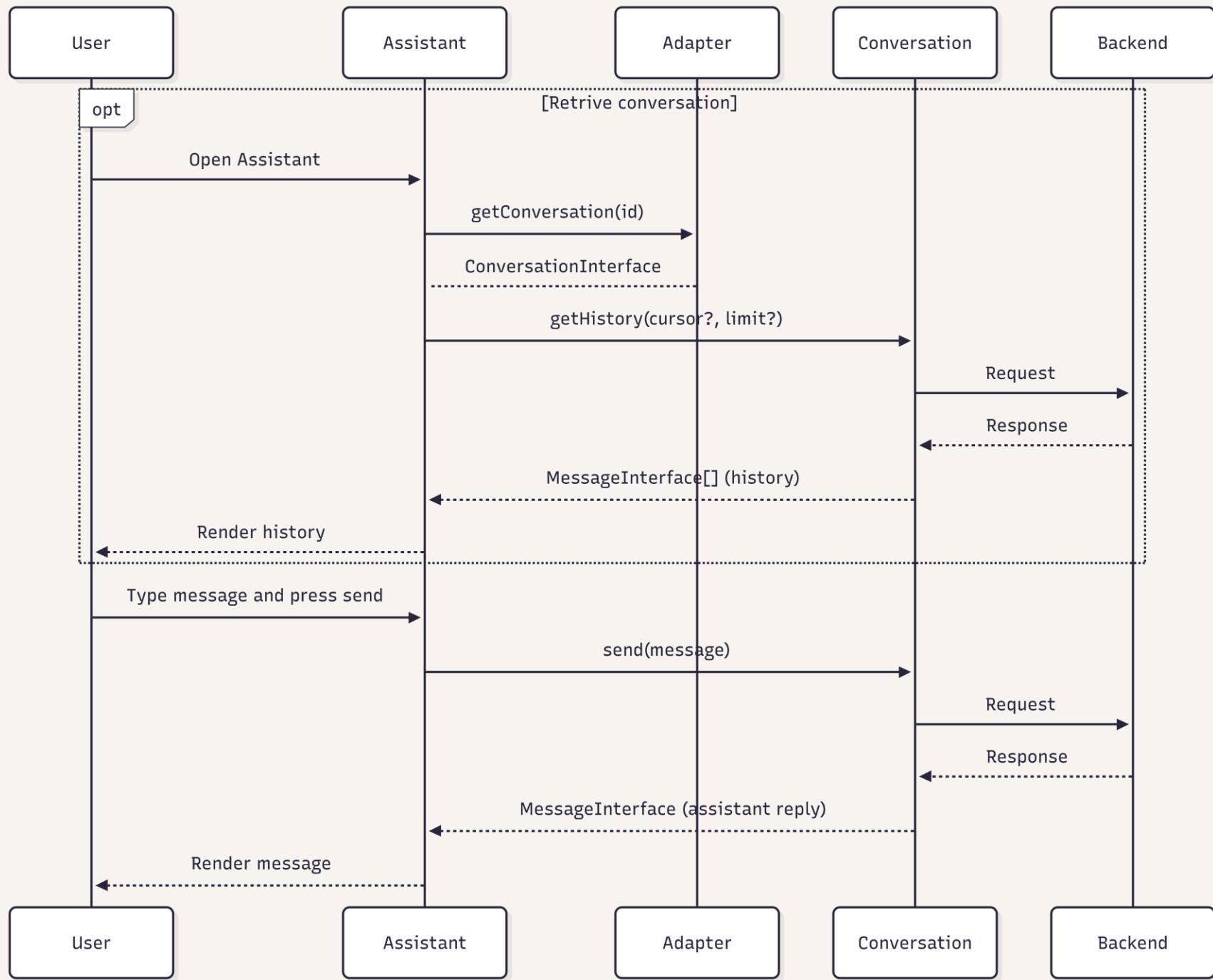
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Demo

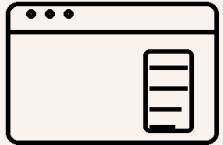
▼



Custom Adapter

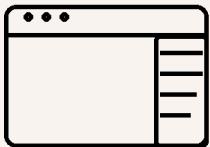


Layout



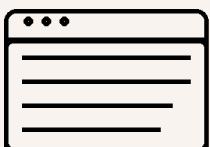
Floating Layout

The floating layout designed to occasionally interact with an Assistant. Users primarily process tasks using the user interface, such as browsing the product catalog and asking ad-hoc questions to the Assistant.



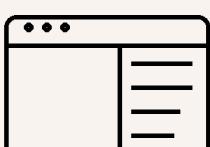
Sidebar Layout

Sidebar layout is designed to work alongside the Assistant. Users primarily focus on tasks such as editing articles and occasionally use the Assistant to access source materials, verify facts etc.



Full-screen Layout

Full-screen layout supports deep work with the Assistant when users focus primarily on conversations, such as research, planning, brainstorming, data analysis, and decision support.



Embedded Layout

Layout for integrating Assistant into existing user interfaces. This layout enables Assistant to adapt to the parent container dimensions and customize its capabilities via configuration.



eCommerce

30/06/2025 - 30/09/2025

 Engagement score +aio

63

▼ 15 % over the last 3 months

Latest update 30/09/2025 00:06

Profiles

21,361

▼ 0 % over the last 3 months

Latest update 30/09/2025 00:06

Subscribed

21,361

▼ 0 % over the last 3 months

Latest update 30/09/2025 00:06

Scenario executions

3,990,157

🕒 3 months

Latest update 30/09/2025 14:34

 20 sent one shot ✉️ e-mail campaigns95.15%
216 Delivered5.09%
11 Opened / (Delivered)36.36%
4 Clicked / (Opened)0.00%
0 Unsubscribed / (Delivered)Export this data 🕒 3 months 1 sent one shot SMS campaign0.00%
0 delivered

No data available

Export this data 🕒 3 months 4 sent one shot ✉️ push campaigns100%
3 Opened / (Delivered)

AI assistant

Hello! How can I help you today?

You can select an available option to start creating right away or use the chat to describe what I can help you with today.

Create new
 Run [@CampaignAnalysis](#) here.

Floating Assistant

Results of last mass e-mail campaigns

Campaign name



oneshot bestmoment

Results of last mass SMS campaigns

Campaign name

test_jacqq_09_24_2025_01

Ask me anything...



Collapse

Pinned

Dashboard

Advanced search

Product management

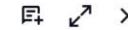
Data flow

Activity reports



Welcome to Quable Dashboard
Sandra Lopez

AI assistant ▾



Product to enrich

<input type="checkbox"/> Product name	Creation date	Shopify Ready
<input type="checkbox"/> Floral Maxi Dress	14/05/2024 09:51	50% <input type="checkbox"/>
<input type="checkbox"/> High-Waisted Skinny Jeans	14/05/2024 09:51	100% <input type="checkbox"/>
<input type="checkbox"/> Silk Blouse with Polka Dots	14/05/2024 09:51	70% <input type="checkbox"/>
28 products		Lines per page <input type="button" value="100"/> 1 2 3 ... 100 101 102 >

Catalog d

Usages

Hello! How can I help you today?

You can select an available option to start creating right away or use the chat to describe what I can help you with today.

Create new

Run [@CampaignAnalysis](#) here.

Sure thing, calling out to run [@CampaignAnalysis](#).

Marketplace completeness evolution



Sidebar Assistant

Administration

Quable app store

Quable education

Ask me anything...





Start new

History

Article preparation help

Optimizing Digital Experiences...

Content Management and Per...

System Integrations within a D...

User Data Analysis in a DXP



Hello! How can I help you today?

Run [@CampaignAnalysis](#) here.



Absolutely — happy to help! 😊
Running [@CampaignAnalysis](#) agent.



Fullscreen Assistant



Describe your agent flow...



Customizing Appearance

CSS variables allow you to easily adapt the Assistant's look and feel to fit your application.



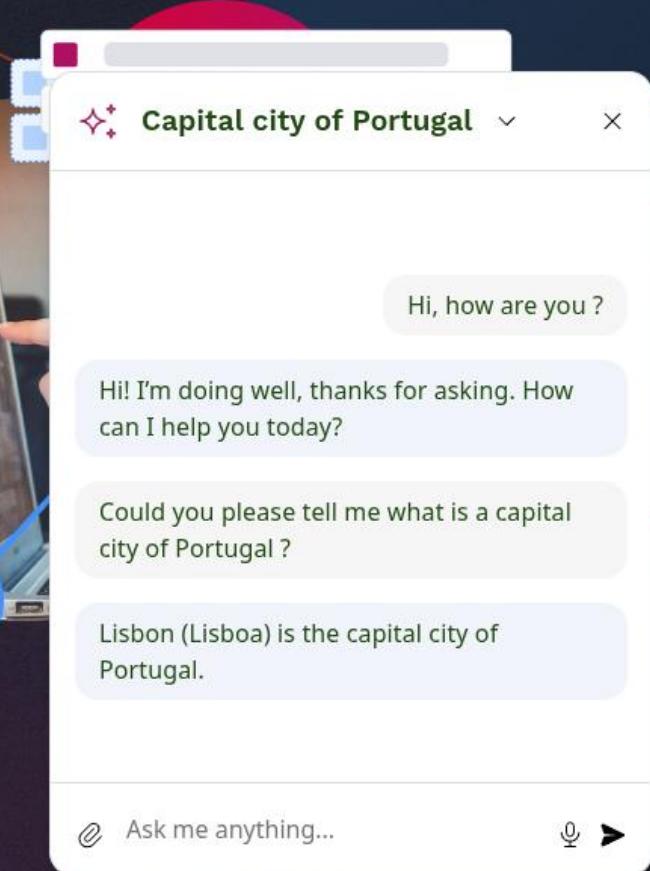
```
:root {  
  --ibexa-ai-assistant-color-bg-window: #ffffff;  
  --ibexa-ai-assistant-color-bg-app: #efefef;  
  --ibexa-ai-assistant-color-bg-message: #f3f2f7;  
  --ibexa-ai-assistant-color-bg-message-user: #1a3b66;  
  --ibexa-ai-assistant-color-bg-primary: #ae1164;  
  --ibexa-ai-assistant-color-bg-primary-hover: #981055;  
  --ibexa-ai-assistant-color-bg-secondary-hover: #f0f0f0;  
  --ibexa-ai-assistant-color-border: #cccccc;  
  --ibexa-ai-assistant-color-text: #000000;  
  
  /* ... */  
}
```

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Demo



Ask AI

Custom Message Types



```
// (1) Create message component
function HighlightMessage({message}) {
  return (
    <div style={{background: 'yellow', color: '#000', padding: '5px'}}>
      {message.text}
    </div>
  );
}

// (2) Create components map
const components = new Map([
  ['highlight', (message) => <HighlightMessage message={message} />],
]);

// (3) Pass components map to <Assistant />
root.render(<Assistant [...] messageComponents={components}>);
```

Testing Custom Message Types



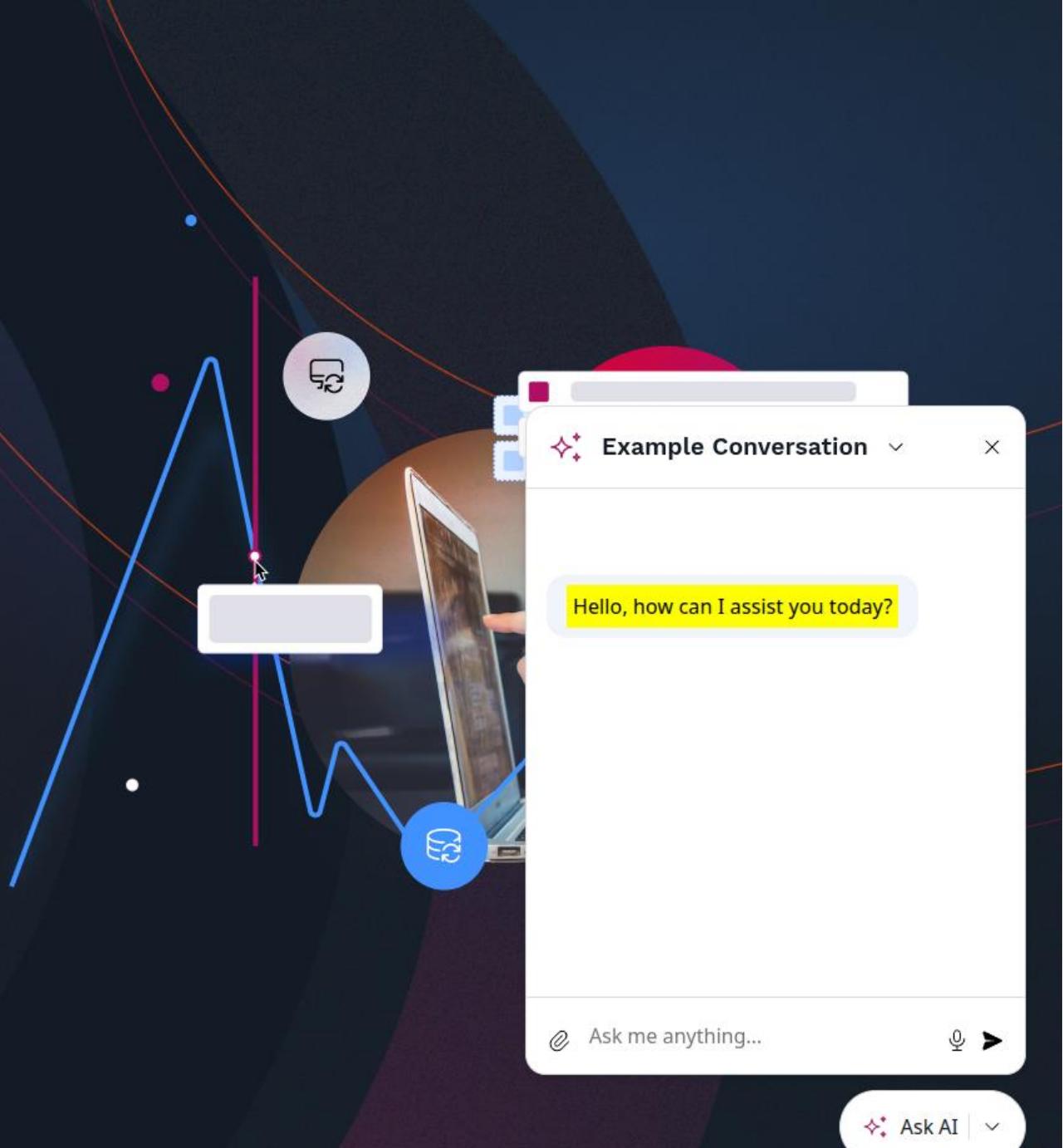
```
const adapter = EchoAdapter.fromConfig({
  data: [
    {
      id: '1',
      subject: 'Example Conversation',
      messages: [
        {
          id: '1',
          type: 'highlight',
          text: 'Hello, how can I assist you today?',
          role: 'assistant',
        },
      ],
    }
  ],
});
```

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Demo



Ask me anything...



Ask AI

PIM by Quable x Ibexa DXP 127.0.0.1:8000/admin/dashboard Site: All context

Ibexa

Good evening, Amy Williams!

Help for demo instances

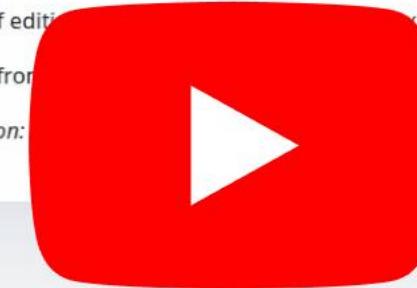
Introduction Logins Site Factory Demo Release Notes

This Ibexa instance is a demo instance (sandbox). Its goal is to show the maximum number of features available in Ibexa DXP.

The demo is based as much as possible on the latest Ibexa release (release 5.0.4 of editor). It is a demo front-end with maximum of activated features (site factory, automatic translation, AI...).

The front-end is just an example of what can be done with Ibexa DXP. It is a demo front-end with maximum of activated features (site factory, automatic translation, AI...).

For more information on how to use Ibexa solution, please refer to official documentation:



Quick actions

Create Content Create Form Create Product Create Catalog Create Company

Recent activity

Today

<https://youtu.be/OJr2pRf7J74>

Amy Williams created draft Landing page Product 72638276369 — Buy Now

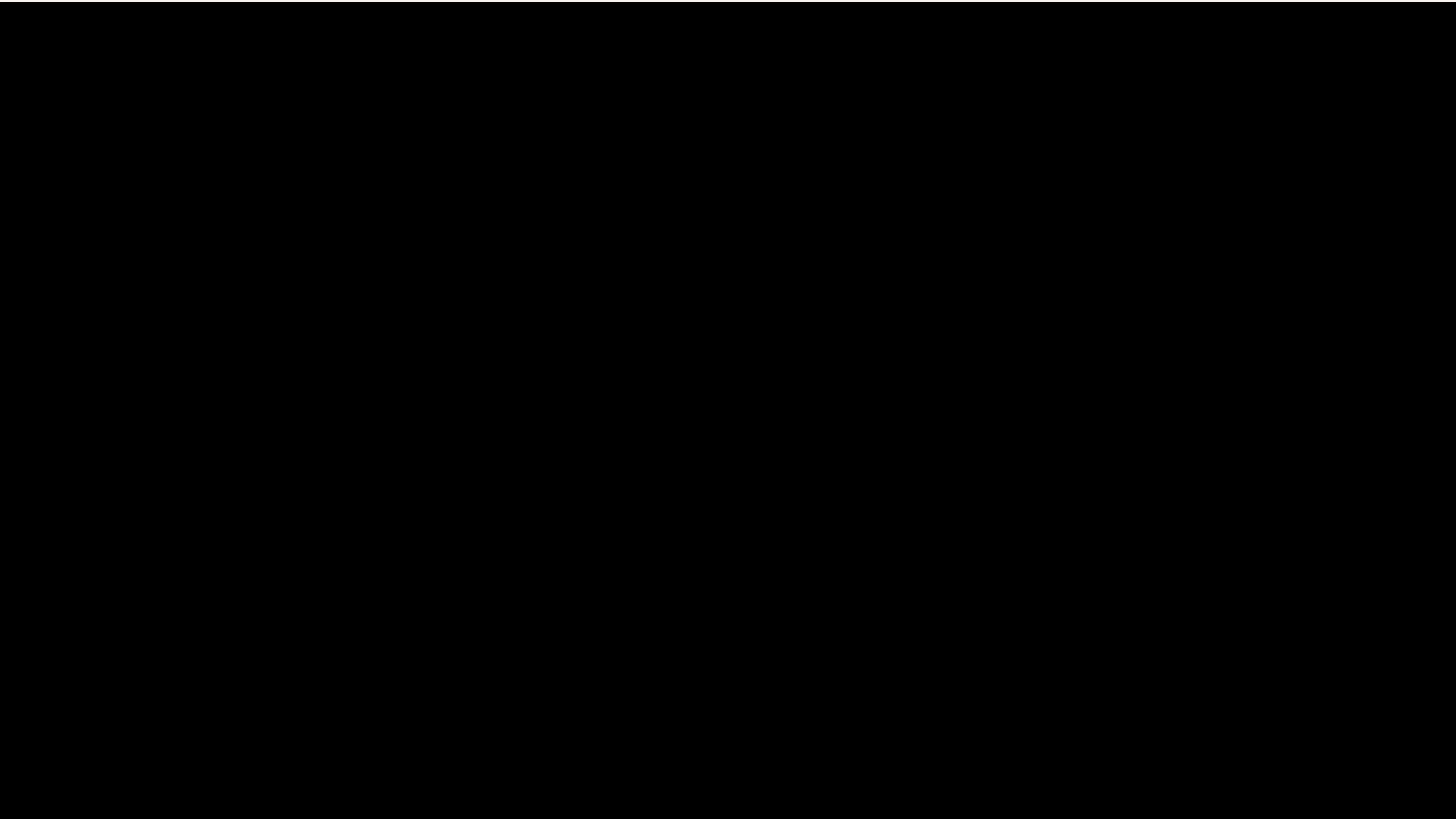
13 minutes ago

Amy Williams created draft Landing page Product 72638276369 — Buy Now

Ibexa news

 The Ibexa Summit is approaching fast - and so are the 2026 Ibexa Awards December 16, 2025 13:00

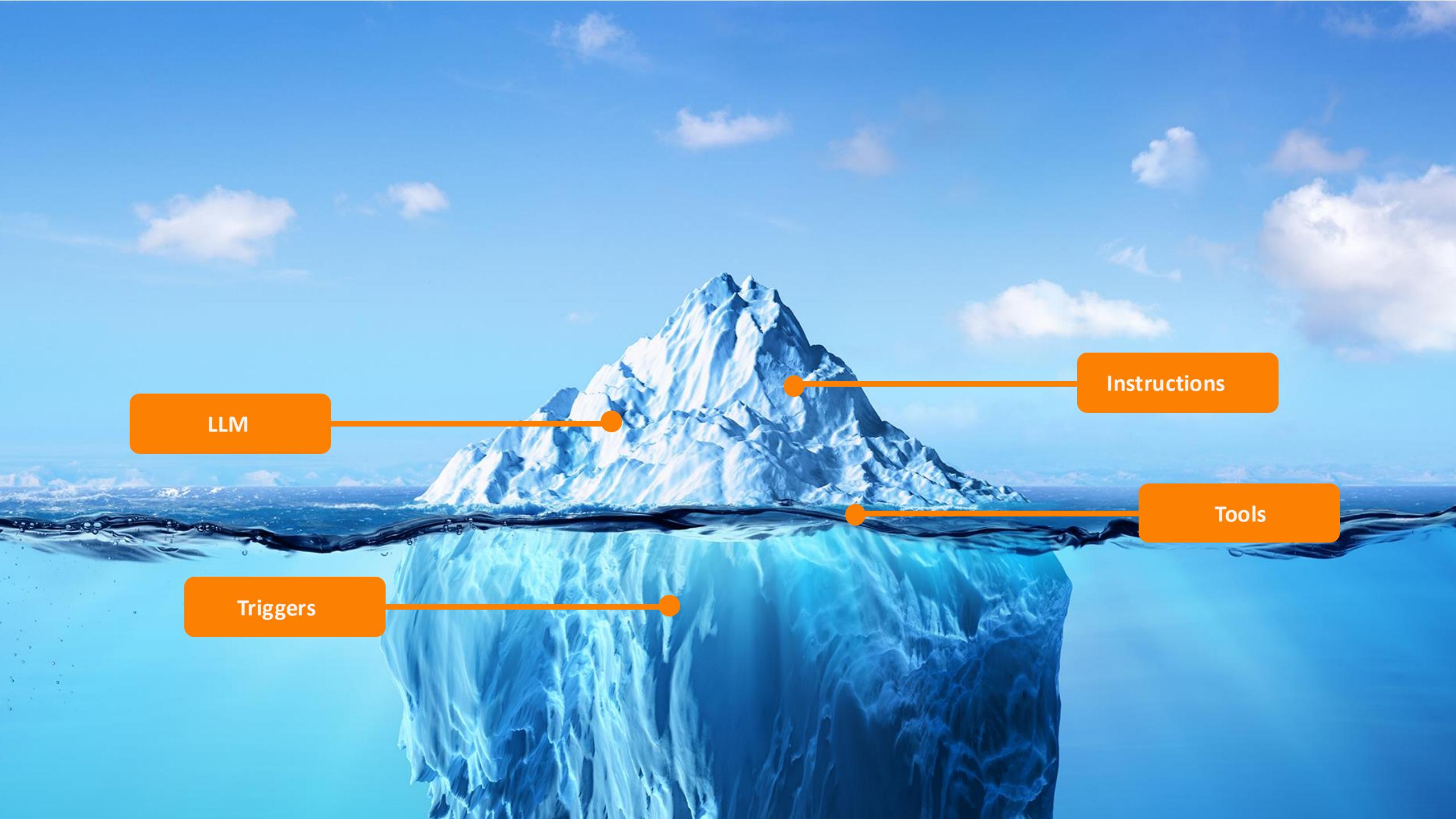
 Ibexa DXP v5.0.4: Empowering Smarter Content Experiences with AI-Driven Search and Enhanced Collaboration December 12, 2025 12:40



Assistant

=

Agent + Conversational UI

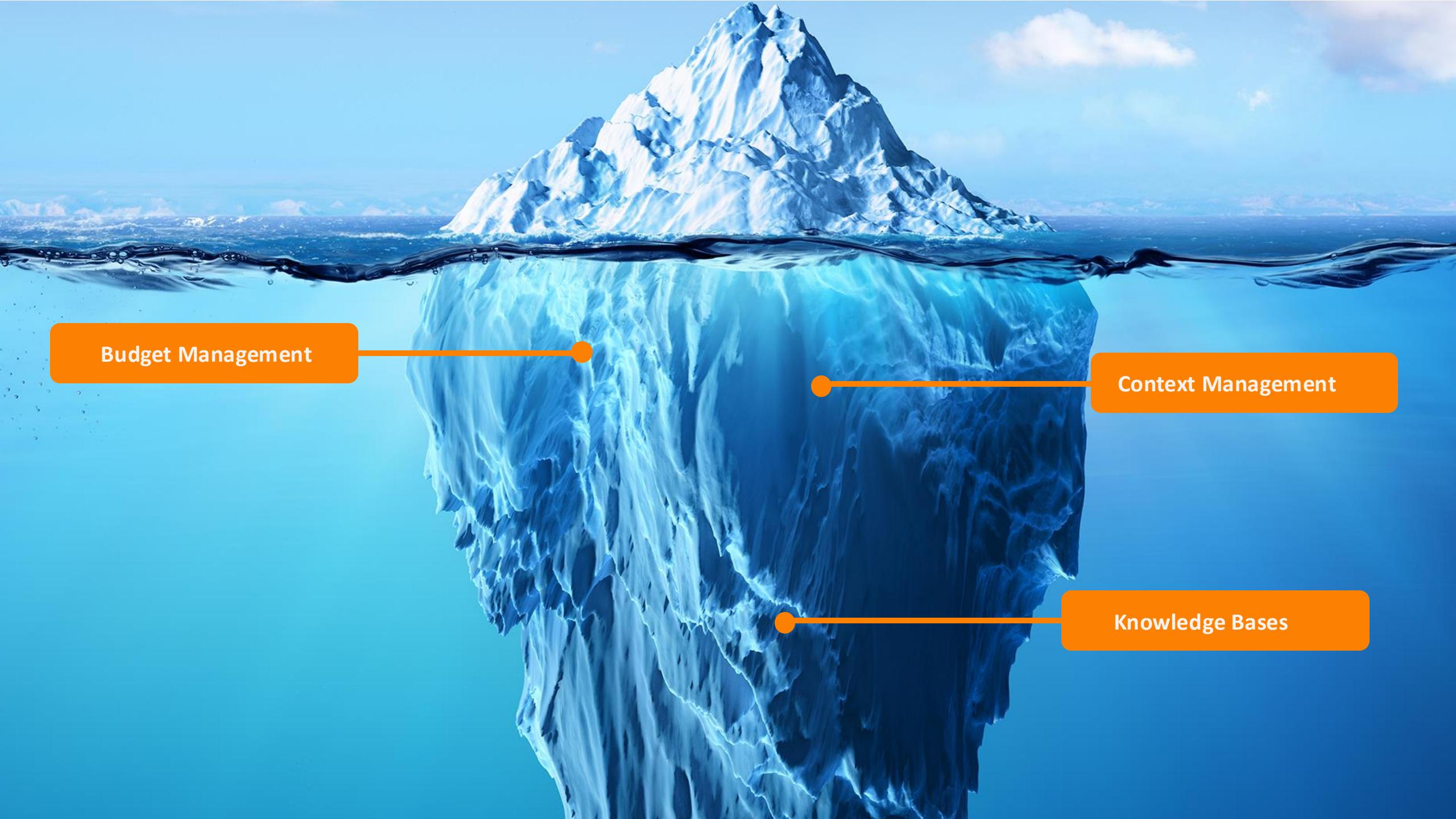


LLM

Instructions

Tools

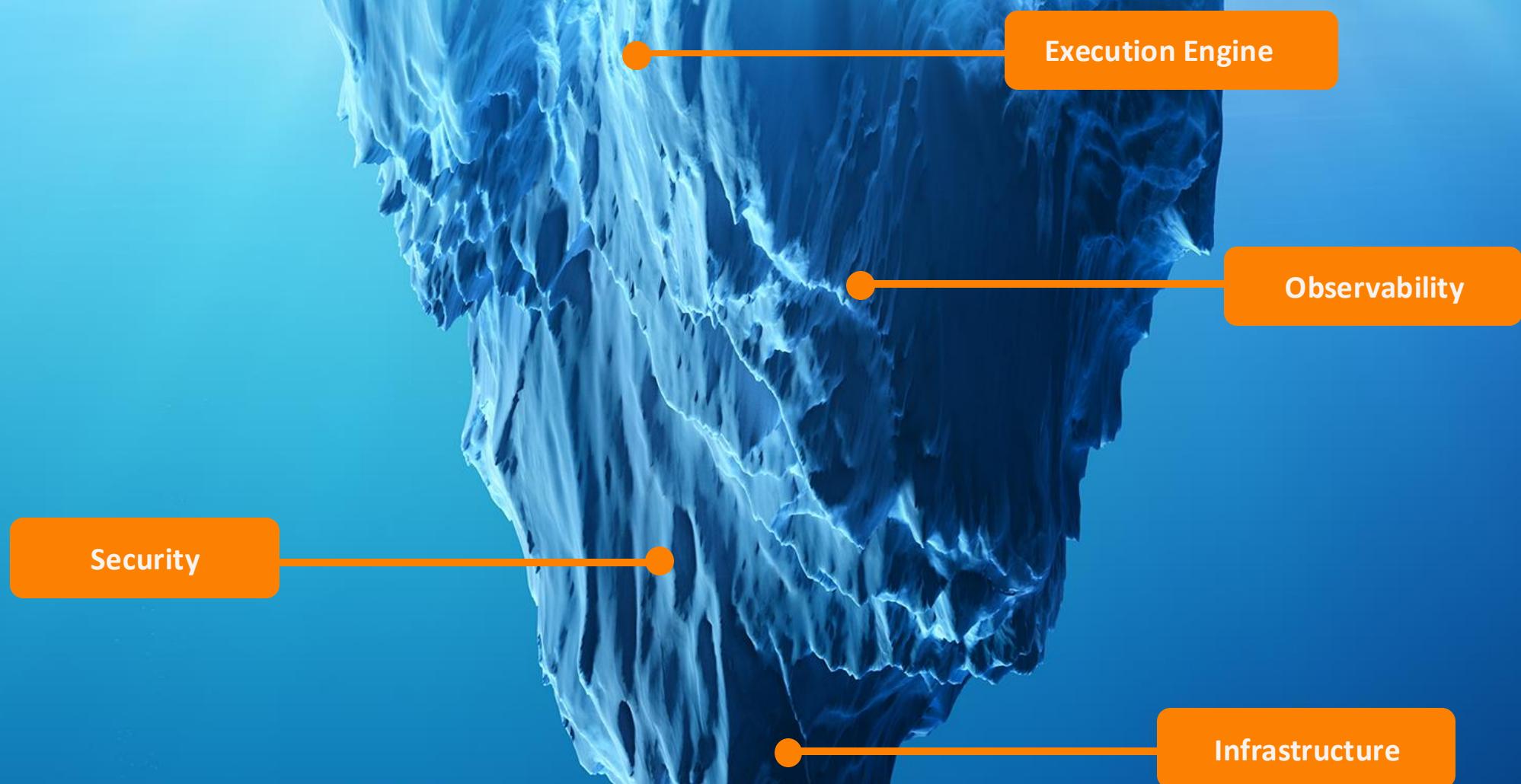
Triggers

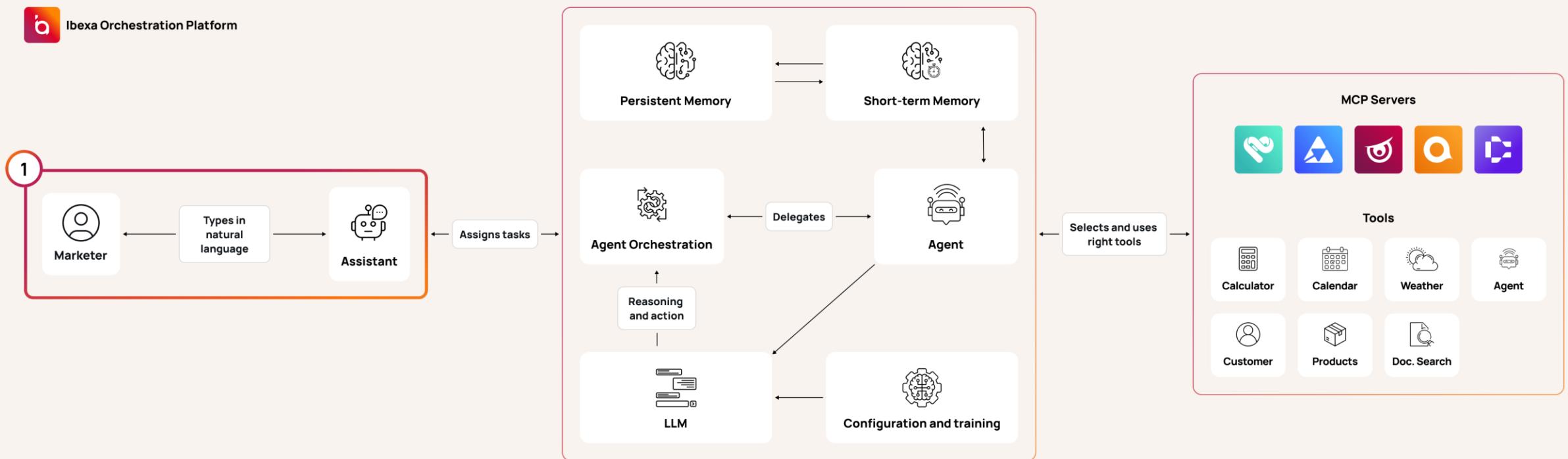


Budget Management

Context Management

Knowledge Bases





Anatomy of Agent



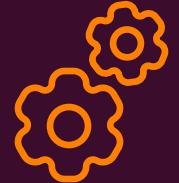
1
Instructions



2
Triggers



3
Tools



4
Execution

The background features abstract, flowing orange line art. On the left, a large, rounded shape resembling a stylized 'C' or a wave is composed of many thin lines. On the right, a more complex, organic shape with a textured, woven center is formed by many lines, with a smaller, similar shape at the bottom right.

Thank you