Build AI-based solutions faster with IBM embeddable AI
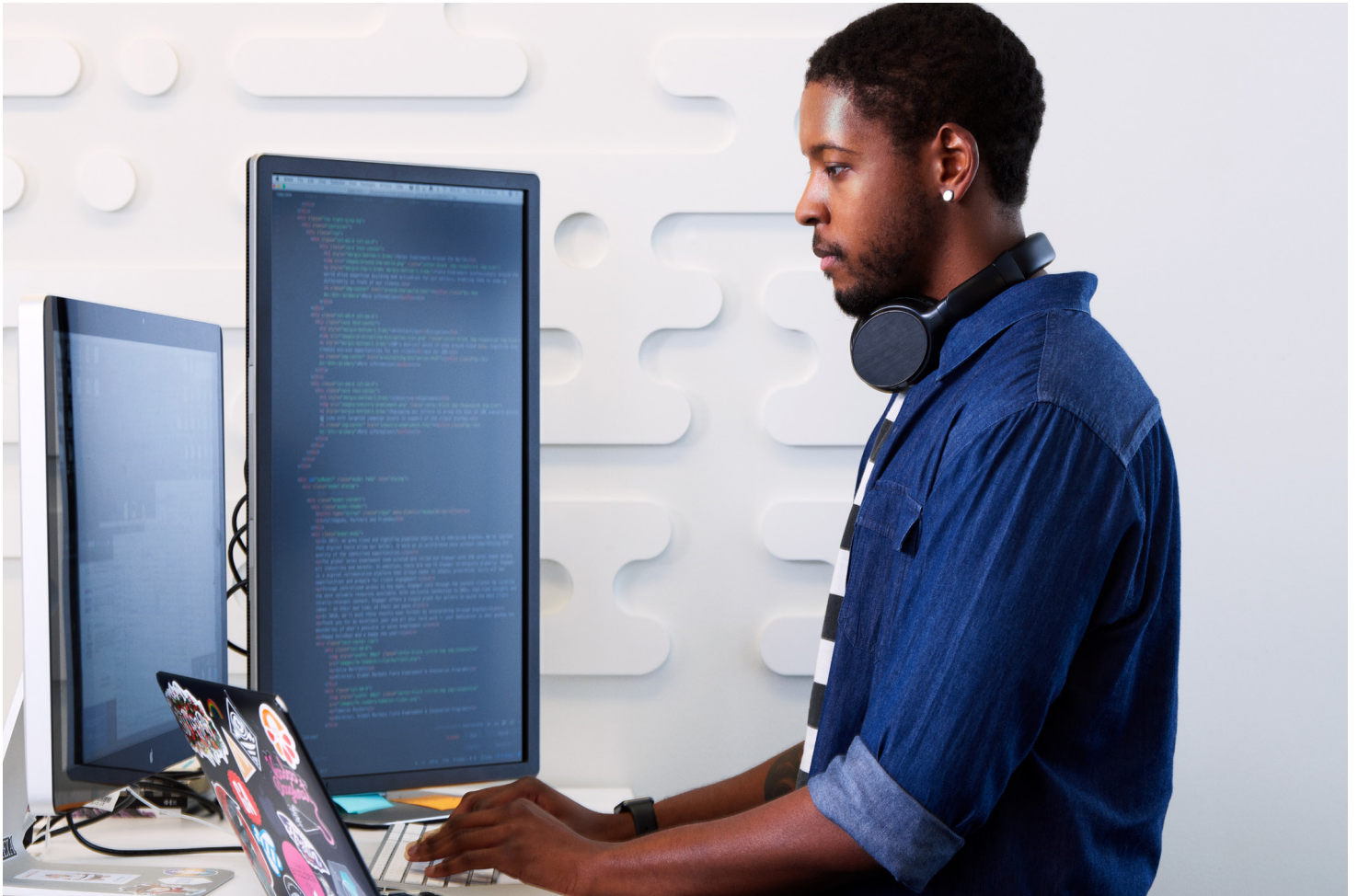
Partners can now reduce development time to create trustworthy AI-powered solutions.

IBM

IBM ecosystem partners, including large and small independent software vendors, now have the flexibility to use the same core AI technology powering IBM products, such as IBM Watson® Assistant and IBM Watson Discovery, to create their own differentiated solutions—in less time and with fewer resources.

IBM provides developer-friendly and trustworthy AI technologies in a portfolio of embeddable AI libraries, applications and APIs developed by IBM researchers.

The portfolio, called IBM embeddable AI, helps partners focus their skills, resources and expertise on building unique experiences rather than re-creating components that already exist, such as natural language processing (NLP) models.

A new and faster way to AI

IBM embeddable AI is an expertly designed collection of enterprise-grade core AI technologies in a flexible form factor that makes it easy to embed into third-party solutions.

Taking advantage of embeddable AI helps bring solutions to market faster, simplifies the skills needed to build trustworthy AI software, and unlocks new business opportunities.

Build your next AI solution

with IBM

The ability to embed trusted and proven AI technology into solutions can significantly lower the skills barrier and accelerate development cycles.

In addition, when partners build with IBM embeddable AI, they are using the same core AI technology found in IBM market-leading products. Gartner® has recognized IBM as a Leader for Watson Assistant and Watson Discovery in the 2022 Gartner Magic Quadrant™ for Enterprise Conversational AI and 2021 Gartner Magic Quadrant™ for Insight Engines.

IBM embeddable AI is unique because it offers:

Fit for purpose components— embeddable AI is easily consumable and scalable.

Developer value—developers can build AI-powered solutions faster than before.
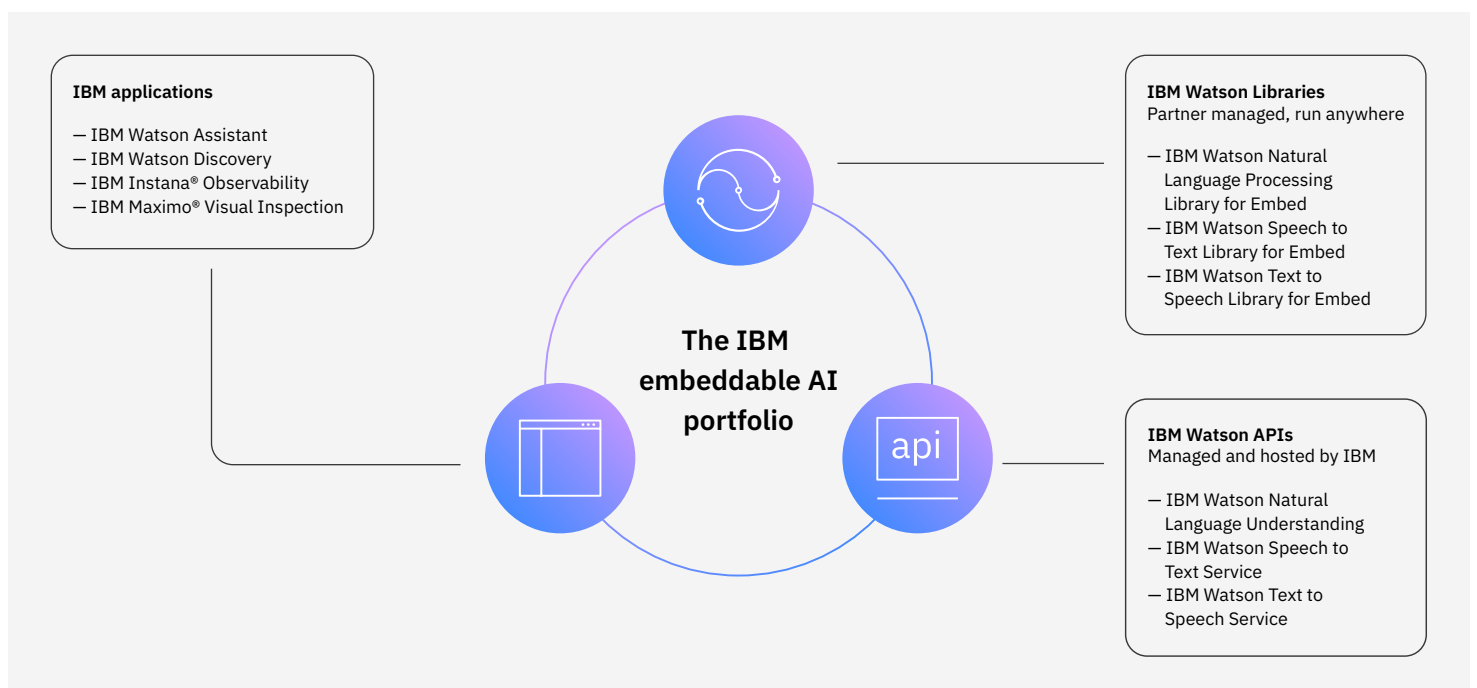
APIs with no restrictions— developers own the data, UX and orchestration.

Availability across multiple platforms— developers can build and deploy embeddable AI across any library or container with no platform pre-requisite.

Partners building with IBM have access to technical expertise, resources and grants to offset development costs, as well as help to unlock market opportunities with co-selling and co-marketing support.

IBM applications

— IBM Watson Assistant
— IBM Watson Discovery
— IBM Instana® Observability
— IBM Maximo® Visual Inspection

The IBM embeddable AI portfolio

IBM Watson Libraries
Partner managed, run anywhere

— IBM Watson Natural Language Processing Library for Embed
— IBM Watson Speech to Text Library for Embed
— IBM Watson Text to Speech Library for Embed

IBM Watson APIs
Managed and hosted by IBM

— IBM Watson Natural Language Understanding
— IBM Watson Speech to Text Service
— IBM Watson Text to Speech Service

Use cases for embeddable AI

Today, IBM partners are already making use of embeddable, trustworthy AI in a range of applications—such as digital assistants that augment human interaction, visual inspection capabilities in manufacturing and shop floors, and intelligent operations for observability and troubleshooting.

The following scenarios illustrate how natural language processing can be used to positively impact an organization. Learn how you can reap the benefits of IBM Watson Natural Language Processing Library for Embed.

Voice of the customer or employee

Analyze customer or employee feedback about their experiences and satisfaction with products, services or the workplace.

How
Use IBM Watson NLP Library for Embed to find insights in vast amounts of survey data, social media contents, and conversation logs to improve performance and understand customer or employee behavior.

Benefits
Uncover trends and insights from unstructured input to improve customer and employee satisfaction.

Documents processing

Use IBM Watson NLP Library for Embed to accelerate classifying, sorting, processing of extracted semi-structured and unstructured data in document processing tasks.

How
IBM Watson NLP Library for Embed can classify content, extract information for downstream processing, and gather insights in applications including contracts, compliance, and application processing.

Benefits
Reduce time spent on repetitive document processing tasks, and reduce errors. Understand risks and comply with regulations.

Expert assist

Provide knowledge workers with answers in real time from a large body of information to augment awareness and increase productivity.

How
Watson provides AI-powered search and text analytics capabilities to empower an organization's experts and knowledge workers with the right information at the right time, in the right context.

Benefits
Increased worker productivity improves quality of work and customer satisfaction.

Social listening and brand intelligence

Monitor brand reputation and perception on social channels. Assess pulse of the market and gauge effectiveness of advertising and publicity campaigns.

How
IBM Watson NLP Library for Embed can mine insights from piles of unstructured data posted through various channels; correlate with campaigns and public relations to gauge impact.

Benefits
Analyze and evaluate social media information to improve product marketing and planning. Monitor brand image and take actions on customer grievances or ride on positive feedback to promote products and services.

When trust is needed most

At IBM we believe that only by embedding ethical principles into AI applications and processes can we build systems based on trust—it's an imperative for us, though 74% of organizations are not working on reducing unintended bias in their AI solutions.[1]

Since 2015, IBM has been advocating and implementing principles and techniques for trustworthy AI. The AI Ethics Board was established as a central, cross-disciplinary body to support a culture of ethical, responsible, and trustworthy AI throughout IBM.

Fairness, explainability and privacy are mandatory in all cases, and provided by IBM embeddable AI.

Learn more:
AI ethics at IBM →
Get the paper from the World Economic Forum:
Responsible Use of Technology—The IBM Case Study →

Let's start building together

Together we can close the skills gap and reduce development time to create trustworthy AI-powered solutions. With IBM embeddable AI, you can create and enhance your own solutions to capture new business opportunity and bring greater value to clients.

Learn how to start your embeddable AI journey →

1. IBM Global AI Adoption Index 2022

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