

Gartner's Hype Cycle Special Report 2003

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More than 500 technologies have been assessed and analyzed in terms of maturity and adoption speed for possibly the largest technology maturity assessment ever done in the IT industry.

ANALYSIS

We are proud to deliver possibly the largest technology maturity assessment ever performed in the IT industry. More than 100 analysts have selected and analyzed the maturity and adoption rates of more than 500 technologies from 36 technical, business application and vertical-industry perspectives.

We have chosen the Hype Cycle as the vehicle to present our analysis. The Hype Cycle is a graphic representation of the maturity, estimated time to adoption and business application of specific technologies. "Understanding Gartner's Hype Cycle" describes the Hype Cycle model and defines its terms and phases.

Features

Technologies

The top 30 technologies — according to perceived business impact and hype/misrepresentation — have been summarized in "Hype Cycle for Emerging Technologies, 2003."

Hype Cycles for various technology segments include:

"Hype Cycle for Advanced Analytics, 2003"

"Hype Cycle for Application Development, 2003"

"Hype Cycle for Application Integration and Platform Middleware, 2003"

"Hype Cycle for Consumer Technologies, 2003"

"Hype Cycle for Data Warehousing, 2003"

"Hype Cycle for Enterprise Systems Management, 2003"

"Hype Cycle for Human-Computer Interaction, 2003"

"Hype Cycle for Information Security, 2003"

"Hype Cycle for Mobile and Wireless Networking, 2003"

"Hype Cycle for Mobile and Wireless Applications and Services, 2003"

"Hype Cycle for Networking and Communications, 2003"

"Hype Cycle for Open-Source Technologies, 2003"

"Hype Cycle for Personal Computers, 2003"

"Hype Cycle for Real-Time Infrastructure, 2003"

"Hype Cycle for Semiconductors, 2003"

"Hype Cycle for Servers, 2003"

"Hype Cycle for Storage, 2003"

"Hype Cycle for Web Services, 2003"

"Hype Cycle for XML Technologies, 2003"

Applications

Different business applications are being driven by subsets of technologies. These technology deployments sometimes are specific to a business application. Often, the same technology (for example, speech recognition) can have different positions on different Hype Cycles, depending on the deployment within a business application. Therefore, we have created dedicated Hype Cycles on various business application segments, including:

- "Hype Cycle for Business Intelligence, 2003"
- "Hype Cycle for Content Management, 2003"
- "Hype Cycle for Customer Relationship Management, 2003"
- "Hype Cycle for E-Workplace Technologies, 2003"
- "Hype Cycle for IT Services, 2003"
- "Hype Cycle for Knowledge Management, 2003"
- "Hype Cycle for Portal Ecosystems, 2003"
- "Hype Cycle for Supply Chain Management, 2003"

Industries

All maturity assessments have been done generically, without addressing industry variations. IT planners typically should consider the technology and application Hype Cycles as generalizations and good starting points for their industries. In addition, we have produced some vertical-industry-specific Hype Cycles, such as:

- "Hype Cycle for CRM in Financial Services, 2003"
- "Hype Cycle for Financial Services Technologies, 2003"
- "Hype Cycle for Government Technologies, 2003"
- "Hype Cycle for Healthcare Payer Organization Technologies, 2003"
- "Hype Cycle for Healthcare Provider Technologies, 2003"
- "Hype Cycle for Life Sciences Technologies, 2003"
- "Hype Cycle for Manufacturing Technologies, 2003"
- "Hype Cycle for Retail Technologies, 2003"
- "Hype Cycle for Transportation Technologies, 2003"
- "Hype Cycle for Utility Technologies, 2003"

Regions

Many of the Hype Cycles are views on groups of technologies and do not address that where a technology is implemented can influence its adoption time frame. "Regional Variations to Hype Cycles" examines how different world regions adopt and implement technologies at different paces.

The size and scope of the project is enormous, and we thank all of the team leaders involved, including Carl Claunch, Jackie Fenn, Kathy Harris, Bob Hayward, Alexander Linden and Dan Miklovic.

Enjoy this unique set of research, and best regards.

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