

Quantum Computing: Technologies and Global Markets to 2026

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Abstracts

Report Scope:

This report provides an overview of the global market for quantum computing and analyzes market trends. Using 2020 as the base year, the report provides estimated market data for the forecast period 2021 through 2026. Revenue forecasts for this period are segmented based on offering, deployment, technology, application, end-user industry and region.

The report also focuses on the major trends and challenges that affect the market and the competitive landscape. It explains the current market trends and provides detailed profiles of the major players and the strategies they adopt to enhance their market presence. The report estimates the size of the global quantum computing market in 2020 and provides projections of the expected market size through 2026.

Report Includes:

59 data tables and 54 additional tables

An updated review of the global markets for commercial quantum computing technologies

Analyses of the global market trends, with data from 2020 to 2021, estimates for 2022 and 2024, along with projections of compound annual growth rates (CAGRs) through 2026

Evaluation and forecast the global quantum computing market size in dollar

value terms, and corresponding market share analysis by offering, technology, deployment, application, end-user industry and region

Identification of the quantum computing technologies and products with the greatest commercial potential

Technology assessment of the key drivers and constraints that will shape the market for quantum computing over the next ten years

Understanding of the upcoming market opportunities and areas of focus to forecast the market into various segments and sub-segments

Highlights of COVID-19 implications on the progress of this market

Identification of the companies best positioned to meet this demand because of their proprietary technologies, strategic alliances or other advantages

Review of the key patent grants and new technologies in the quantum computing sector

Insight into the recent industry strategies, such as M&A deals, joint ventures, collaborations, and license agreements currently focused on commercial quantum computing products and service

Company profiles of the key industry players, including Alphabet Inc., Cambridge Quantum Computing, Honeywell International Inc., International Business Machines (IBM) Corp., Microsoft Corp. and Toshiba Corp.

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
What's New in This Update
Scope of Report
Information Sources
Methodology
Intended Audience
Geographic Breakdown
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND

Market Overview
Quantum Computing versus Classic Computing
History
Milestones in Quantum Computing
Qubits Development
Types of Quantum Computers
Market Dynamics
Market Drivers
Market Restraints
Market Opportunities
Market Challenges
National Government Expenditures on Quantum Technology Research
Impact of COVID-19
Porter's Five Force Analysis
Bargaining Power of Buyers
Bargaining Power of Suppliers
Threat from Substitutes
Threat from New Entrants
Competitive Rivalry

CHAPTER 4 MARKET BREAKDOWN BY OFFERING

Introduction
Systems
Services
Quantum Computing as a Service (QCaaS)
Consulting Services

CHAPTER 5 MARKET BREAKDOWN BY METHOD OF DEPLOYMENT

Introduction
On-premises
Cloud-Based

CHAPTER 6 MARKET BREAKDOWN BY TECHNOLOGY

Introduction
Trapped Ions
Quantum Annealing
Superconducting Qubits
Others

CHAPTER 7 MARKET BREAKDOWN BY APPLICATION

Introduction
Quantum-assisted Optimization
Advertising/Digital Marketing
Supply Chain Optimization
Quantum Simulation
Basic Research
Quantum Chemistry
Materials Discovery and Design
Quantum-assisted Machine Learning
Quantum Cryptography

CHAPTER 8 MARKET BREAKDOWN BY END-USER INDUSTRY

Introduction

Banking and Finance
Information Technology (IT) and Telecommunications
Healthcare and Pharmaceuticals
Space and Defense
Energy and Power
Transportation and Logistics
Academia
Government
Chemicals
Others
Agriculture
Digital Media/Online Service
Retail
Weather Forecasting

CHAPTER 9 MARKET BREAKDOWN BY REGION

Introduction
North American Market Outlook
The U.S.
Canada
Mexico
North America Market by Country
North America Market by Segments
European Market Outlook
Germany
France
The U.K.
Russia
Rest of Europe
European Market by Country
European Market by Segments
Asia-Pacific (APAC) Market Outlook
China
Japan
India
South Korea
Rest of APAC
APAC Market by Country

APAC Market by Segments
Rest of the World (RoW) Market Outlook
South America
Middle East
Africa
RoW Market by Subregion
RoW Market by Market Segment

CHAPTER 10 COMPETITIVE LANDSCAPE

Strategic Analysis
Product Launches and Developments
Agreements, Collaborations and Partnerships
Acquisitions, Expansions and Investments
Quantum Computing Players by Category and Country
Total Private Start-up Companies by Country and Type of Service Offering
Equity Funding of Quantum Computing Start-ups
Global Companies, Universities and Government/Nonprofit Organizations Involved in Quantum Computing
Universities Involved in Quantum Computing

CHAPTER 11 COMPANY PROFILES

Quantum Computing Product and Solution Providers
1QB INFORMATION TECHNOLOGIES INC.
ALPHABET INC. (GOOGLE LLC)
AMAZON.COM INC.
ATOS SE
CAMBRIDGE QUANTUM COMPUTING
COLDQUANTA INC.
D-WAVE SYSTEMS INC.
HONEYWELL INTERNATIONAL INC.
HUAWEI TECHNOLOGIES CO., LTD.
INTERNATIONAL BUSINESS MACHINES (IBM) CORP.
ISARA CORP.
IONQ INC.
MICROSOFT CORP.
QC WARE CORP.
RIGETTI COMPUTING INC.

Q-CTRL PTY LTD.

QU & CO BV

TOSHIBA CORP.

XANADU QUANTUM TECHNOLOGIES INC.

ZAPATA COMPUTING INC.

Diversified Players in Quantum Computing

ACCENTURE LLP

AIRBUS SE

ALIBABA HOLDING GROUP LTD.

AMGEN INC.

BIOGEN INC.

BOOZ ALLEN HAMILTON HOLDING CORP.

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CENTER FOR QUANTUM DEVICES

CENTRE FOR QUANTUM COMPUTATION AND COMMUNICATION TECHNOLOGY
(CQC2T)

CENTER FOR QUANTUM INFORMATION AND CONTROL

CENTER FOR QUANTUM PHOTONICS (CQP)

CENTRE FOR QUANTUM TECHNOLOGIES (CQT)

CENTER FOR QUANTUM SOFTWARE AND INFORMATION

CENTER FOR SPINTRONICS AND QUANTUM COMPUTATION (CSQC)

CHICAGO QUANTUM EXCHANGE (CQE)

COMPUTATIONAL AND DATA INTENSIVE PHYSICS GROUP

DNA-SEQ ALLIANCE

INFORMATION SCIENCES INSTITUTE (ISI)
INSTITUT QUANTIQUE
INSTITUTE FOR QUANTUM COMPUTING (IQC)
INSTITUTE FOR QUANTUM INFORMATION AND MATTER (IQIM)
INSTITUTE FOR QUANTUM OPTICS AND QUANTUM INFORMATION (IQOQI)
ION QUANTUM TECHNOLOGY (IQT) GROUP
JOINT CENTER FOR QUANTUM INFORMATION AND COMPUTER SCIENCE
JOINT INSTITUTE FOR LABORATORY ASTROPHYSICS (JILA)
KEY LABORATORY OF QUANTUM INFORMATION
LOS ALAMOS NATIONAL LABORATORY (LANL)
NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY (NIST)
NETWORKED QUANTUM INFORMATION TECHNOLOGIES (NQIT)
OXFORD QUANTUM
QUANTUM INFORMATION AND INTEGRATED NANOSYSTEMS GROUP
QUANTUM ARTIFICIAL INTELLIGENCE LAB (QUAIL)
QUANTUM SCIENCE AND TECHNOLOGY INSTITUTE (UCLQ)
QUANTUM SCIENCE RESEARCH GROUP
QUANTUM SYSTEMS GROUP (QSG)
QUSOFT
QUTECH
UNIVERSITIES SPACE RESEARCH ASSOCIATION (USRA)

CHAPTER 12 PATENT ANALYSIS

Patents Granted to Companies (2018-2021)

1QB Information Technologies Inc.

Amazon.com Inc.

Cambridge Quantum Computing

D-Wave Systems Inc.

IBM Corp.

Quantum Valley Investment Fund LP

IonQ Inc.

QC Ware Corp.

Rigetti Co. Inc.

Samsung SDS Co., Ltd.

Xanadu Quantum Technologies Inc.

Zapata Computing Inc.

CHAPTER 13 APPENDIX: LIST OF ACRONYMS

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Quantum Computing Technologies, by Technology Type, Through 2026

Table 1: Quantum Computing versus Classical Computing

Table 2: Milestones in Quantum Computing, 1982-2021

Table 3: Global Expenditures on Quantum Technology Research, by Country, 2021*

Table 4: Global Market for Quantum Computing Technologies, by Offering, Through 2026

Table 5: Global Market for Quantum Computing Services, Through 2026

Table 6: Global Market for Quantum Computing Systems, by Region, Through 2026

Table 7: Global Market for Quantum Computing Systems, by Application, Through 2026

Table 8: Global Market for Quantum Computing Services, by Region, Through 2026

Table 9: Global Market for Quantum Computing Services, by Application, Through 2026

Table 10: Global Market for Quantum Computing Technologies, by Method of Deployment, Through 2026

Table 11: Global Market for On-premise Deployment of Quantum Computing, by Region, Through 2026

Table 12: Global Market for On-premise Deployment of Quantum Computing, by End-User Industry, Through 2026

Table 13: Global Market for Cloud-based Deployment of Quantum Computing, by Region, Through 2026

Table 14: Global Market Shares of Cloud-based Deployment of Quantum Computing, by End-User Industry, Through 2026

Table 15: Qubit Technologies and Main Proponents

Table 16: Global Market for Quantum Computing Technologies, by Technology, Through 2026

Table 17: Global Market for Trapped Ion Technology, by Region, Through 2026

Table 18: Global Market for Quantum Annealing Technology, by Region, Through 2026

Table 19: Global Market for Superconducting Qubit Technology, by Region, Through 2026

Table 20: Global Market for Other Types of Quantum Computing Technologies, by Region, Through 2026

Table 21: Global Market for Quantum Computing Technologies, by Application, Through 2026

Table 22: Optimization Problems in End-User Industries

Table 23: Global Market for Quantum-assisted Optimization, by Region, Through 2026

Table 24: Global Market for Quantum-assisted Optimization, by Offering, Through 2026

Table 25: Global Market for Quantum Simulation, by Region, Through 2026

Table 26: Global Market for Quantum Simulation, by Offering, Through 2026

Table 27: Global in Market for Quantum-assisted Machine Learning, by Region, Through 2026

Table 28: Global Market for Quantum-assisted Machine Learning, by Offering, Through 2026

Table 29: Emerging Quantum Cryptography Solutions and Cryptography Start-ups

Table 30: Global Market for Quantum Cryptography, by Region, Through 2026

Table 31: Global Market for Quantum Cryptography, by Offering, Through 2026

Table 32: Global Market for Quantum Computing Technologies, by End-User Industry, Through 2026

Table 33: Global Banking and finance Institutions Activities in Quantum Computing Industry

Table 34: Global Market for Quantum Computing Technologies in Banking and Finance Applications, by Method of Deployment, Through 2026

Table 35: Global Market for Quantum Computing Technologies in IT and Telecommunication Applications, by Method of Deployment, Through 2026

Table 36: Global Market for Quantum Computing Technologies in Healthcare and Pharmaceutical Applications, by Method of Deployment, Through 2026

Table 37: Global Market for Quantum Computing Technologies in Space and Defense Applications, by Method of Deployment, Through 2026

Table 38: Global Market for Quantum Computing Technologies in Energy and Power Applications, by Method of Deployment, Through 2026

Table 39: Global Market for Quantum Computing Technologies in Transportation and Logistics Applications, by Method of Deployment, Through 2026

Table 40: Global Market for Quantum Computing Technologies in Academia, by Method of Deployment, Through 2026

Table 41: Government Investments in Quantum Computing Industry

Table 42: Global Market for Quantum Computing Technologies in Government Applications, by Method of Deployment, Through 2026

Table 43: Global Market for Quantum Computing Technologies in Chemical Applications, by Method of Deployment, Through 2026

Table 44: Global Market for Quantum Computing Technologies in Other Applications, by Method of Deployment, Through 2026

Table 45: Global Market for Quantum Computing Technologies, by Region, Through 2026

Table 46: North American Market for Quantum Computing Technologies, by Country, Through 2026

Table 47: North American Market for Quantum Computing Technologies, by Offering, Through 2026

Table 48: North American Market for Quantum Computing Technologies, by Method of Deployment, Through 2026

Table 49: North American Market for Quantum Computing Technologies, by Technology, Through 2026

Table 50: North American Market for Quantum Computing Technologies, by Application, Through 2026

Table 51: European Market for Quantum Computing Technologies, by Country, Through 2026

Table 52: European Market for Quantum Computing Technologies, by Offering, Through 2026

Table 53: European Market for Quantum Computing Technologies, by Method of Deployment, Through 2026

Table 54: European Market for Quantum Computing Technologies, by Technology, Through 2026

Table 55: European Market for Quantum Computing Technologies, by Application, Through 2026

Table 56: APAC Market for Quantum Computing Technologies, by Country, Through 2026

Table 57: APAC Market for Quantum Computing Technologies, by Offering, Through 2026

Table 58: APAC Market for Quantum Computing Technologies, by Method of Deployment, Through 2026

Table 59: APAC Market for Quantum Computing Technologies, by Technology, Through 2026

Table 60: APAC Market for Quantum Computing Technologies, by Application, Through 2026

Table 61: RoW Market for Quantum Computing Technologies, by Subregion, Through 2026

Table 62: RoW Market for Quantum Computing Technologies, by Offering, Through 2026

Table 63: RoW Market for Quantum Computing Technologies, by Method of Deployment, Through 2026

Table 64: RoW Market for Quantum Computing Technologies, by Technology, Through 2026

Table 65: RoW Market for Quantum Computing Technologies, by Application, Through 2026

Table 66: Product and Technology Launches and Developments, 2019-2021

Table 67: Acquisitions, Expansions, and Investment, 2019-2021
Table 68: Agreements, Collaborations, and Partnerships, 2019-2021
Table 69: Number of Companies, Universities and Government/Nonprofit Organizations Involved in Quantum Computing, 2021
Table 70: List of Universities Involved in Quantum Computing, by Country
Table 71: 1QB Information Technologies Inc.: Company Snapshot
Table 72: 1QB Information Technologies Inc.: Company Product/Service Information
Table 73: Alphabet Inc. (Google LLC): Company Snapshot
Table 74: Alphabet Inc. (Google LLC): Company Product/Service Information
Table 75: Amazon.Com Inc.: Company Snapshot
Table 76: Amazon.Com Inc.: Company Product/Service Information
Table 77: Amazon.Com Inc.: Recent Developments, 2021
Table 78: ATOS SE: Company Snapshot
Table 79: ATOS SE: Company Product/Service Information
Table 80: Cambridge Quantum Computing: Company Snapshot
Table 81: Cambridge Quantum Computing: Company Product/Service Information
Table 82: Coldquanta Inc.: Company Snapshot
Table 83: Coldquanta Inc.: Company Product/Service Information
Table 84: D-Wave Systems Inc.: Company Snapshot
Table 85: D-Wave Systems Inc.: Company Product/Service Information
Table 86: Honeywell International Inc.: Company Snapshot
Table 87: Honeywell International Inc.: Company Product/Service Information
Table 88: Huawei Technologies Co., Ltd.: Company Snapshot
Table 89: Huawei Technologies Co., Ltd.: Company Product/Service Information
Table 90: International Business Machines (IBM) Corp.: Company Snapshot
Table 91: International Business Machines (IBM) Corp.: Company Product/Service Information
Table 92: ISARA Corp.: Company Snapshot
Table 93: ISARA Corp.: Company Product/Service Information
Table 94: IONQ Inc.: Company Snapshot
Table 95: IONQ Inc.: Company Product/Service Information
Table 96: Microsoft Corp.: Company Snapshot
Table 97: Microsoft Corp.: Company Product/Service Information
Table 98: QC Ware Corp.: Company Snapshot
Table 99: QC Ware Corp.: Company Product/Service Information
Table 100: Rigetti Computing Inc.: Company Snapshot
Table 101: Rigetti Computing Inc.: Company Product/Service Information
Table 102: Q-CTRL Pty Ltd.: Company Snapshot
Table 103: Q-CTRL Pty Ltd.: Company Product/Service Information

Table 104: QU & CO BV: Company Snapshot

Table 105: QU & Co. BV: Company Product/Service Information

Table 106: Toshiba Corp.: Company Snapshot

Table 107: Toshiba Corp.: Company Product/Service Information

Table 108: Xanadu Quantum Technologies Inc.: Company Snapshot

Table 109: Xanadu Quantum Technologies Inc.: Company Product/Service Information

Table 110: Zapata Computing Inc.: Company Snapshot

Table 111: Zapata Computing Inc.: Company Product/Service Information

Table 112: List of Acronyms

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market Shares of Quantum Computing Technologies, by Technology Type, 2020

Figure A: Top-down and Bottom-up Approach to the Global Market for Quantum Computing Technologies

Figure 1: Quantum Computing: Industry Adoption Trends

Figure 2: Bits versus Qubits

Figure 3: Number of Qubits Achieved

Figure 4: Types of Quantum Computers

Figure 5: Market Dynamics

Figure 6: Global Venture Deals in Quantum Computing, 2015-2021

Figure 7: Volume of Data Created, Captured, Copied and Consumed Worldwide, 2010-2025

Figure 8: Global Spending on Quantum Technology Research, by Country, 2021

Figure 9: Porter's Five Force Analysis

Figure 10: Quantum Computing Technology Market Segmentation, by Offering

Figure 11: Global Market Shares of Quantum Computing Technologies, by Offering, 2020

Figure 12: Global Market Shares of Quantum Computing Services, 2020

Figure 13: Global Market Shares of Quantum Computing Systems, by Region, 2020

Figure 14: Global Market Shares of Quantum Computing Systems, by Application, 2020

Figure 15: Global Market Shares of Quantum Computing Services, by Region, 2020

Figure 16: Global Market Shares of Quantum Computing Services, by Application, 2020

Figure 17: Quantum Computing Market Segmentation, by Method of Deployment

Figure 18: Global Market Shares of Quantum Computing Technologies, by Method of Deployment, 2020

Figure 19: Global Market Shares of On-premise Deployment of Quantum Computing, by Region, 2020

Figure 20: Global Market Shares of On-premise Deployment of Quantum Computing, by End-User Industry, 2020

Figure 21: Global Market Shares of Cloud-based Deployment of Quantum Computing, by Region, 2020

Figure 22: Global Market Shares of Cloud Deployment-Based Deployment of Quantum Computing, by End-User Industry, 2020

Figure 23: Quantum Computing Market Segmentation, by Application

Figure 24: Global Market Shares of Quantum Computing Technologies, by Technology,

2020

Figure 25: Global Market Shares of Trapped Ion Technology, by Region, 2020

Figure 26: Global Market Shares of Quantum Annealing Technology, by Region, 2020

Figure 27: Global Market Shares of Superconducting Qubit Technology, by Region, 2020

Figure 28: Global Market Shares of Other Types of Quantum Computing Technologies, by Region, 2020

Figure 29: Quantum Computing Market Segmentation, by Application

Figure 30: Expected Breakthrough Applications in Quantum Computing

Figure 31: Global Market Shares of Quantum Computing Technologies, by Application, 2020

Figure 32: Global Market Shares of Quantum-assisted Optimization, by Region, 2020

Figure 33: Global Market Shares of Quantum-assisted Optimization, by Offering, 2020

Figure 34: Global Market Shares of Quantum Simulation, by Region, 2020

Figure 35: Global Market Shares of Quantum Simulation, by Offering, 2020

Figure 36: Global Market Shares of Quantum-assisted Machine Learning, by Region, 2020

Figure 37: Global Market Shares of Quantum-assisted Machine Learning, by Offering, 2020

Figure 38: Global Market Shares of Quantum Cryptography, by Region, 2020

Figure 39: Global Market Shares of Quantum Cryptography, by Offering, 2020

Figure 40: Global Market Shares of Quantum Computing Technologies, by End-User Industry, 2020

Figure 41: Global Market Shares of Quantum Computing Technologies in Banking and Finance Applications, by Method of Deployment, 2020

Figure 42: Global Market Shares of Quantum Computing Technologies in IT and Telecommunication Applications, by Method of Deployment, 2020

Figure 43: Global Market Shares of Quantum Computing Technologies in Healthcare and Pharmaceutical Applications, by Method of Deployment, 2020

Figure 44: Global Market Shares of Quantum Computing Technologies in Space and Defense Applications, by Method of Deployment, 2020

Figure 45: Global Market Shares of Quantum Computing Technologies in Energy and Power Applications, by Method of Deployment, 2020

Figure 46: Global Market Shares of Quantum Computing Technologies in Transportation and Logistics Applications, by Method of Deployment, 2020

Figure 47: Number of Universities Researching in Quantum Computing, 2021*

Figure 48: Global Market Shares of Quantum Computing Technologies in Academia, by Method of Deployment, 2020

Figure 49: Global Market Shares of Quantum Computing Technologies in Government

Applications, by Method of Deployment, 2020

Figure 50: Global Market Shares of Quantum Computing Technologies in Chemical Applications, by Method of Deployment, 2020

Figure 51: Global Market Shares of Quantum Computing Technologies in Other Applications, by Method of Deployment, 2020

Figure 52: Global Market Shares of Quantum Computing Technologies, by Region, 2020

Figure 53: North American Market Shares of Quantum Computing Technologies, by Country, 2020

Figure 54: North American Market Shares of Quantum Computing Technologies, by Offering, 2020

Figure 55: North American Market Shares of Quantum Computing Technologies, by Method of Deployment, 2020

Figure 56: North American Market Shares of Quantum Computing Technologies, by Technology, 2020

Figure 57: North American Market Shares of Quantum Computing Technologies, by Application, 2020

Figure 58: European Market Shares of Quantum Computing Technologies, by Country, 2020

Figure 59: European Market Shares of Quantum Computing Technologies, by Offering, 2020

Figure 60: European Market Shares of Quantum Computing Technologies, by Method of Deployment, 2020

Figure 61: European Market Shares of Quantum Computing Technologies, by Technology, 2020

Figure 62: European Market Shares of Quantum Computing Technologies, by Application, 2020

Figure 63: APAC Market Shares of Quantum Computing Technologies, by Country, 2020

Figure 64: APAC Market Shares of Quantum Computing Technologies, by Offering, 2020

Figure 65: APAC Market Shares of Quantum Computing Technologies, by Method of Deployment, 2020

Figure 66: APAC Market Shares of Quantum Computing Technologies, by Technology, 2020

Figure 67: APAC Market Shares of Quantum Computing Technologies, by Application, 2020

Figure 68: RoW Market Shares of Quantum Computing Technologies, by Subregion, 2020

Figure 69: RoW Market Shares of Quantum Computing Technologies, by Offering, 2020

Figure 70: RoW Market Shares of Quantum Computing Technologies, by Method of Deployment, 2020

Figure 71: RoW Market Shares of Quantum Computing Technologies, by Technology, 2020

Figure 72: RoW Market Shares of Quantum Computing Technologies, by Application, 2020

Figure 73: Distribution Shares of the Most Followed Strategies Adopted by Companies in the Global Market for Quantum Computing, 2019-2021

Figure 74: Top Strategies Adopted by Companies in the Global Market for Quantum Computing Technologies, 2019-2021

Figure 75: Developments in the Global Market for Quantum Computing Technologies 2019-2021

Figure 76: Total Private Start-up Companies, by Country and Type of Service Offering, 2021

Figure 77: Number of Private Start-up Companies, by Region, 2021

Figure 78: Total Equity Funding Worldwide in Quantum Computing Start-ups, 2021

Figure 79: Distribution Share of Companies, Universities and Government/Nonprofit Organization Involved in Quantum Computing

Figure 80: Patents Related to Quantum Computing Technologies, by Year, 2010-2021*

Figure 81: Top Company Patent Holders of Patents Related to Quantum Computing, 2021*

Figure 82: Patent Inventors, by Country, 2021*

Figure 83: Number of Patents Related to Quantum Computing Published, by Year, 2010-2021*

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