APPEON

PowerBuilder

Product Management

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ELEVATE 2020

DISCLAIMER

The following information is being shared in order to outline some of our current product plans. We are hopeful that the following can shed some light on our roadmap, but it is important to understand that it is being shared for INFORMATIONAL PURPOSES ONLY, and not as a binding commitment. Please do not rely on this information in making purchasing decisions because ultimately, the development, release, and timing of any products, features or functionality remains at the sole discretion of Appeon, and is SUBJECT TO CHANGE.

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PowerBuilder
Product Bundles

Let’s Get

Select your product bundle type.

?

PowerBuilder
Product Bundles

PowerBuilder Professional + **PowerServer** + **PowerScript Migrator** = PowerBuilder CloudPro

PowerScript

Automatically convert PowerBuilder apps to the Cloud?

C#

Automatically convert PowerBuilder business logic to REST APIs?

Recent
Product Releases

	Q1 2020	Q2 2020	Q3 2020	Q4 2020
PowerBuilder **InfoMaker**	• 2019 MR	• 2019 R2 • 2019 R2 MR	• 2019 R3 Beta • 2019 R2 MR	

	Q1 2020	Q2 2020	Q3 2020	Q4 2020
PowerServer		• 2020 LTS		

Upcoming
Product Releases

	Q1 2021	Q2 2021	2022	2023
PowerBuilder **InfoMaker**	• 2019 R3 LTS • 2021 Beta	• 2021 GA	• 2022	• 2022 R2

	Q1 2021	Q2 2021	2022	2023
PowerServer	• 2021 Beta • 2020 MR	• 2021 GA	• 2022 • 2020 MR	• 2022 R2 • 2020 MR

PowerBuilder
Roadmap Focus

PowerBuilder Focus

Cloud Architecture

- Cloud IDE
- Cloud Conversion
- Cloud Programming

Modern UI

- Windows 10 Style
- New Controls
- UI Compatibility

3S Initiative

- Sustainability
- Stability
- Security

Productive IDE

- Feature Optimization
- Modern IDE Features
- 64-bit Development

Cloud Architecture
Cloud IDE

Before

Lightweight C# IDE:
- Develop
- Analyze
- Debug
- Deploy
- Integration with PowerBuilder and .NET DataStore

REST API Development

Now

Enhanced Development

- Async Programming
- Enhanced Scaffolding
- Paste JSON/XML as Classes
- Enhanced Debugging
- Docker Integration
- Cloud Database Support
- .NET Core 3.1

After

- Code with HTML, JavaScript, TypeScript, Angular, etc.
- Develop microservices and serverless applications on AWS
- Integrated testing, debugging and deployment:
  - Docker Cluster Deployment
  - Cross-OS Debugging (Windows, Linux, MacOS)
  - Remote Debugging

Complete App Development

SnapDevelop

Cloud Architecture
Cloud Conversion & Programming

Modern UI
Uplift the Look and Feel

- UI Themes
- RibbonBar
- Icons
- Pictures
- More enhancements on UI themes/RibbonBar

Windows 10 Style

- Latest TextControl (32-bit & 64-bit)
- WebBrowser (with PowerScript integration, ECharts)
- New Graph Types
- DynamicTab
- StatusBar

New Controls

- High-Res Screen Support (Long data type in PBU conversion)
- Microsoft UI Automation (Accessibility support, automate applications)
- Other UI Compatibility issues

UI Compatibility

3S Initiative
Sustainability, Stability, and Security

Sustainability

- Enhanced integration
  - RESTClient/HTTPClient
  - Calling .NET assemblies
  - SMTP mailing
- 64-bit support
  - 64-bit TextControl
  - 64-bit runtime optimization
- Updated environment
  - Microsoft OLE DB driver for SQL Server
  - Latest OS/database versions

Stability

- Fix more crash issues!
- Fix more performance issues!
- Fix more bugs!

Security

- TLS 1.2 compliance
- Data encryption
- Web service security
- Chromium web browser
- Runtime file signing
- (PowerClient and PowerServer) PBD encryption
- Top priority – Any security vulnerability issue

Productive IDE
Take Steps, Make Progress

Before
- Source control
- Open Folder RMB menu
- Search in Browser window
- New picture selection tool

Now
- Decoupling of PowerBuilder IDE and Runtime
- One license logging in multiple versions on the same computer
- Source control enhancements
- Bigger IDE dialogs
- Open objects from Browser; open DDDW from DWs

After
- Tabbed editor
- Optimized AutoScript
- Optimized build & compile, better support CI/CD
- 64-bit debugging, and desktop cloud app debugging
- Enhanced searching capability
- IDE compilation environment upgrade
- All miscellaneous requests

Customer Involvement
PowerBuilder Survey Results

What is the newest version of PowerBuilder you have tried?

Customer Involvement
PowerBuilder Survey Results

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PowerBuilder Survey Results

Customer Involvement
Invaluable Contributions

BETA 01

Beta/ New feature testers

Q&A 02

All voices on the Q&A

TICKETS 03

Tickets in the support portal

EMAILS 04

Emails to product team

Thank You