

OpenEdge Webinare

Webinar-Reihe 2021



Mit OpenEdge in die Cloud

25. November 2021

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Ihr Referent



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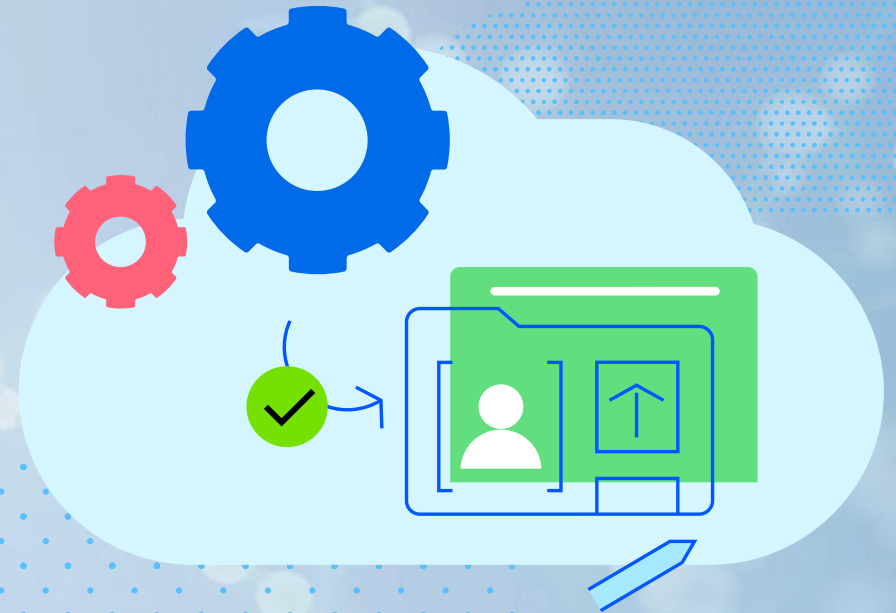
Progress Webinare 2021 in DACH

Termin	Titel	Beschreibung
23. Sept.	OpenEdge 12.4 im Überblick	Unsere neueste Version, OpenEdge 12.4, ermöglicht Ihrem Entwicklungsteam eine hohe Produktivität bei der Erstellung und Bereitstellung von Anwendungen. Das neue Release liefert neue Features und Verbesserungen auf den Feldern DevOps Productivity, Continuous Operations, Security und Supportability. Zeitgleich kommt die erste Version des OpenEdge Command Centers heraus.
28. Oktober	Sicherer Dokumenten-austausch	Verschicken Sie sensible Daten immer noch über E-Mail oder gar Consumer-Tools für die Dateisynchronisierung? Lösungen für Secure Managed File Transfer (MFT) bieten im Unterschied dazu nicht nur mehr Sicherheit, sondern auch die Fähigkeit zur Automatisierung wiederkehrender Aufgaben.
25. November	Mit OpenEdge in die Cloud	Cloud-basierte Entwicklung und Anwendungsbetrieb sind das Gebot der Stunde. Wie können die Chancen der Cloud mit OpenEdge genutzt werden?

Kommende Webinare auf den [Progress Webseiten, Bereich „Support/Webinars“](#)

Agenda

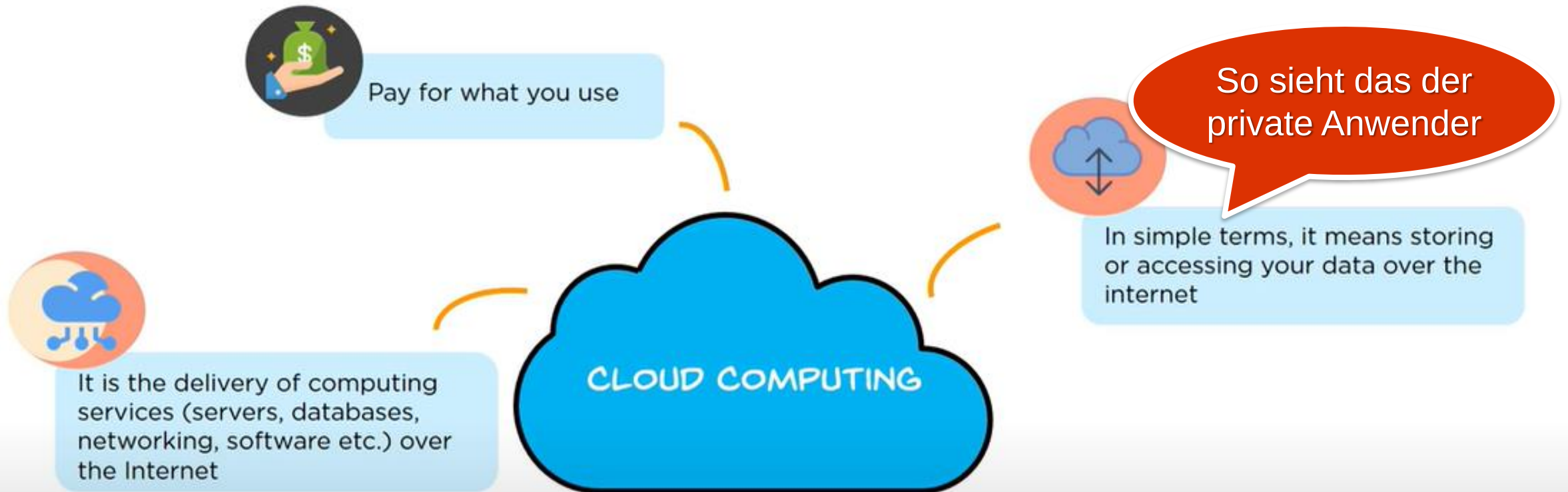
- Was bietet Cloud basierte IT?
- Passt OpenEdge in die Cloud?
- Von re-hosting zu Cloud Native: Anwendungsmodernisierung



Was ist Cloud Computing?

**Cloud Computing liefert
internetbasierte IT-Anwendungen
und Dienste für private Nutzer
und Unternehmen.**

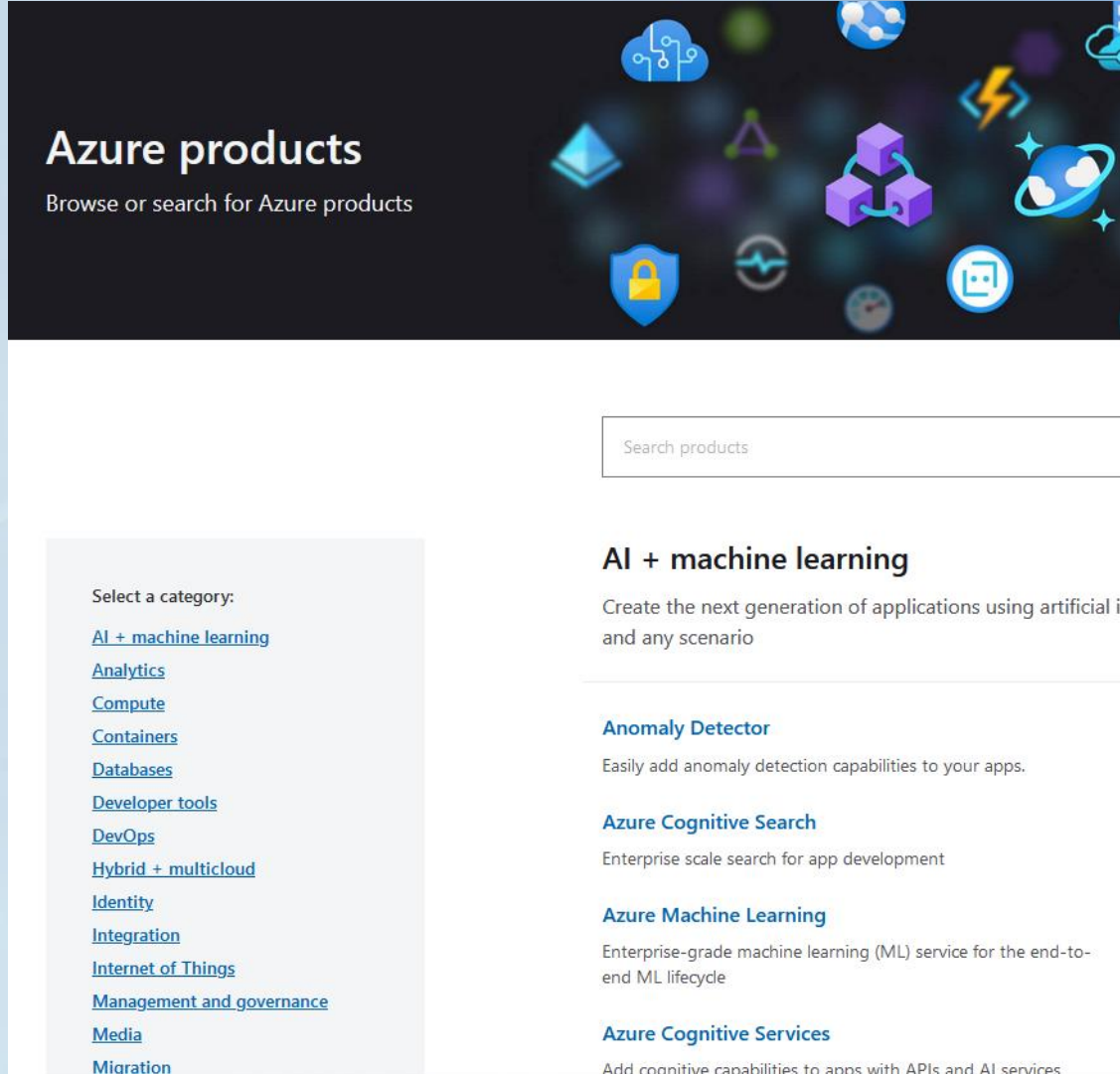
What is Cloud Computing?



<https://www.simplilearn.com/>

Cloud: Baukasten technischer Leistungen

- Infrastructure as a Service
- Management as a Service
- Zuverlässigkeit
- Sicherheit
- Kundenservice
- Standard- und Fachanwendungen
- Zusatzleistungen
 - Künstliche Intelligenz
 - Standard-Anwendungs-Module
 - etc.



The screenshot shows the Azure products page. At the top, there's a dark header with the text 'Azure products' and 'Browse or search for Azure products'. Below this is a search bar labeled 'Search products'. On the left, there's a list of categories under the heading 'Select a category:'. On the right, there's a section titled 'AI + machine learning' with a description 'Create the next generation of applications using artificial intelligence and any scenario'. Below this, there are three sub-sections: 'Anomaly Detector', 'Azure Cognitive Search', and 'Azure Machine Learning', each with a brief description.

Azure products
Browse or search for Azure products

Search products

Select a category:

- [AI + machine learning](#)
- [Analytics](#)
- [Compute](#)
- [Containers](#)
- [Databases](#)
- [Developer tools](#)
- [DevOps](#)
- [Hybrid + multicloud](#)
- [Identity](#)
- [Integration](#)
- [Internet of Things](#)
- [Management and governance](#)
- [Media](#)
- [Migration](#)

AI + machine learning
Create the next generation of applications using artificial intelligence and any scenario

Anomaly Detector
Easily add anomaly detection capabilities to your apps.

Azure Cognitive Search
Enterprise scale search for app development

Azure Machine Learning
Enterprise-grade machine learning (ML) service for the end-to-end ML lifecycle

Azure Cognitive Services
Add cognitive capabilities to apps with APIs and AI services

Cloud: Computing und Plattformen

- Anwendungsplattformen
- Ökosysteme
- Handelsplattformen
- Kundenbindung
- Vermarktung
- Payment
- Analyse, etc.

The screenshot shows the Salesforce website with a navigation menu at the top. The menu includes links for 'Produkte', 'Info-Center', 'Services und Support', 'Über uns', and 'COVID-19'. A search bar with the number '0800 1822338' and a 'Kontakt' link are also present. A 'Login' button with a user icon is on the right. A green button labeled 'KOSTENLOS TESTEN' is visible. Below the navigation menu, a large white box displays a grid of categories and solutions. The categories include Customer 360, Vertrieb, Service, Marketing, Commerce, and Analytics. The solutions include Integration, Slack, Plattform, Work.com, Weiterbildung, and Partner. The industries include Finanzdienstleistungen, Life Sciences, Öffentlicher Sektor, Telekommunikation, Maschinenbau, and Konsumgüterindustrie. The firm size options are Start-ups und Kleinunternehmen and Mittelstand. The support and services section includes Customer Success. The pricing section includes Preisübersicht. Below the grid, there is a section titled 'Entdecken Sie, warum Adidas den schnellsten und intelligentesten Service leisten kann...' with a quote from Scott Zolaznik, Senior Vice President, Digital at Adidas. The quote mentions that Adidas has over 1,100 support employees interacting with customers through various channels. At the bottom, there are two buttons: 'KOSTENLOSE TESTVERSION STARTEN' and 'DEMO-VIDEO ANSEHEN'.

salesforce

0800 1822338 Kontakt Login

KOSTENLOS TESTEN

Produkte Info-Center Services und Support Über uns COVID-19

Kategorien

- Customer 360
- Vertrieb
- Service
- Marketing
- Commerce
- Analytics

Integration

Slack

Plattform

Work.com

Weiterbildung

Partner

Produktübersicht >

Branchenlösungen

- Finanzdienstleistungen
- Life Sciences
- Öffentlicher Sektor
- Telekommunikation
- Maschinenbau
- Konsumgüterindustrie

Übersicht >

Firmengröße

- Start-ups und Kleinunternehmen
- Mittelstand

Support und Services

- Customer Success

Preise

Preisübersicht >

Entdecken Sie, warum Adidas den schnellsten und intelligentesten Service leisten kann. Erfahren Sie, wie mehr als 1.100 Adidas-Supportmitarbeiter:innen mit Kund:innen über deren bevorzugten Kanal interagieren können – egal ob E-Mail, Internet oder Social Media.

KOSTENLOSE TESTVERSION STARTEN DEMO-VIDEO ANSEHEN

Infrastuktur bekannter Anbieter

- Rechenleistung
 - dediziert
 - flexibel (Serverless)
- Speicher
- Netzwerk
- Content Management
- Data Warehouse
- Loadbalancing, Failover
- Authentifizierung
- Schutz vor Bedrohungen

			
Virtual Servers	Instances	VMs	VM Instances
Platform-as-a-Service	Elastic Beanstalk	Cloud Services	App Engine
Serverless Computing	Lambda	Azure Functions	Cloud Functions
Docker Management	ECS	Container Service	Container Engine
Kubernetes Management	EKS	Kubernetes Service	Kubernetes Engine
Object Storage	S3	Block Blob	Cloud Storage
Archive Storage	Glacier	Archive Storage	Coldline
File Storage	EFS	Azure Files	ZFS / Avere
Global Content Delivery	CloudFront	Delivery Network	Cloud CDN
Managed Data Warehouse	Redshift	SQL Warehouse	Big Query

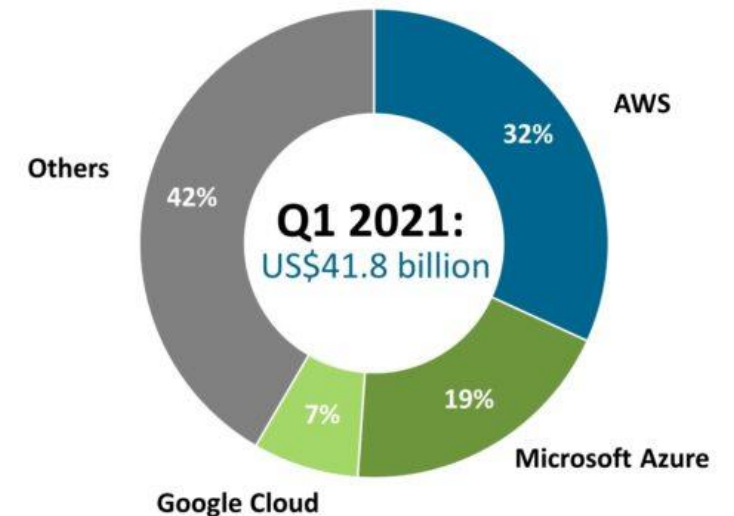
Jelvix Source: res.cloudinary.com jelvix.com

Marktanteile und Wachstum

According to Gartner, global public cloud spending is forecast to reach \$332.3 billion in 2021, increasing by **23.1%** from \$270 billion in 2020.

The **top three cloud service providers** accounted for **58%** of total cloud spend in Q1 2021

Worldwide cloud infrastructure services spend



Source: Canalys estimates, April 2021



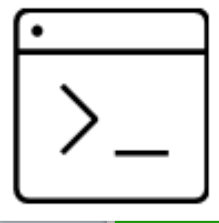
Cloud Computing: Was bringt es? Und wenn ja, für wen?

Nutzen und Optionen



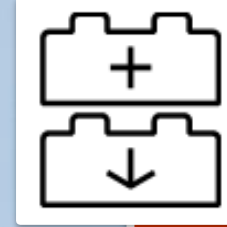
Individualsoftware

- Anwendung entschlacken
- Funktionen anreichern
- IT entlasten
- Betrieb absichern



Softwarehaus

- Schlanker vermarkten
- Reichweite erhöhen
- Integrierter Software-Produktionsprozess



Softwarenutzer

- IT-Betrieb as a Service
- Komplexität beherrschen
- Agilität vs. Bindung
- Sicherheit

Cloud verändert Software-Produktion

Software Produktion als Pipeline



Continuous Integration

Checking in code triggers build, sanity tests and code scans that provide quick feedback to engineers



Continuous Validation

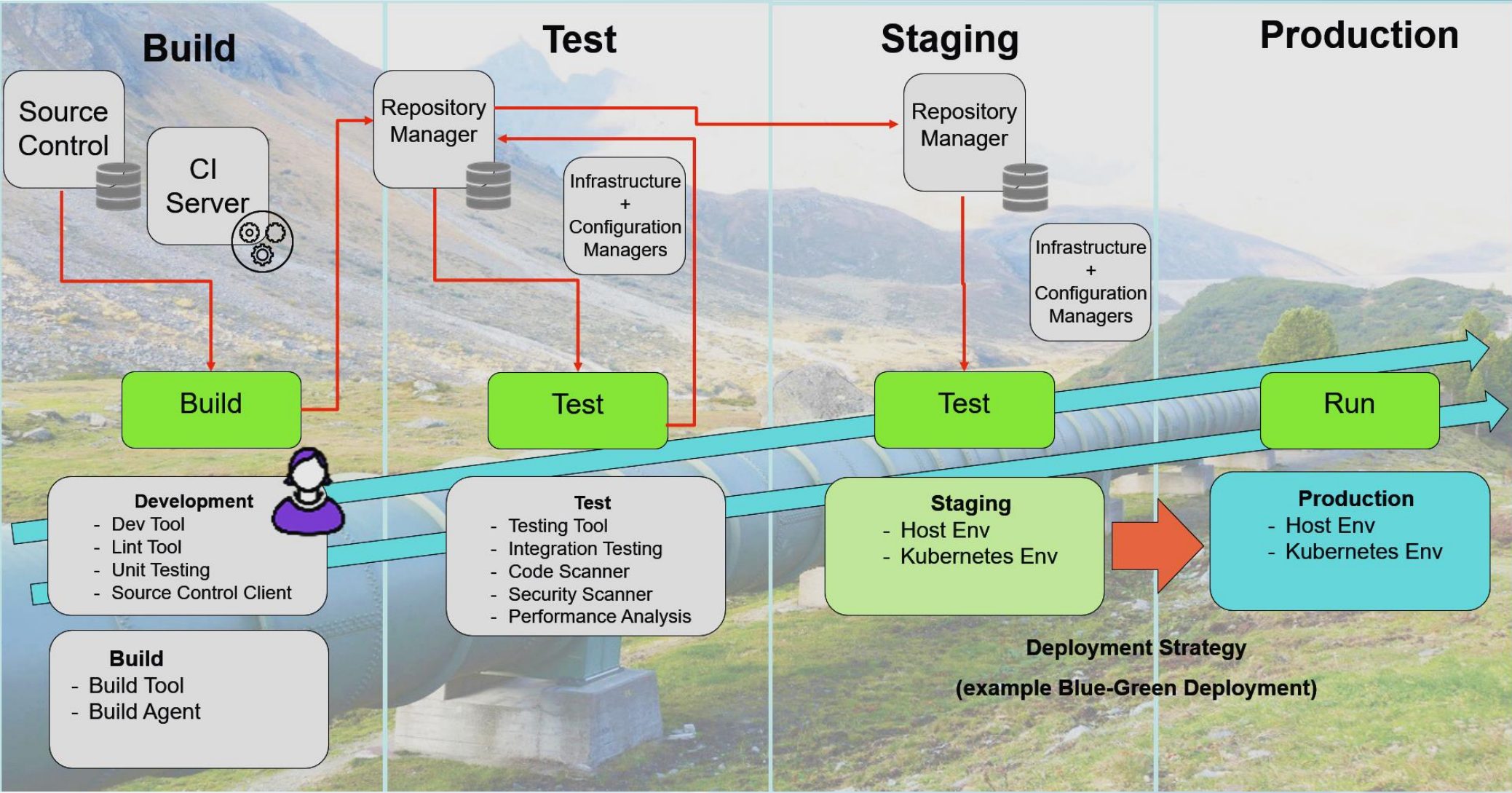
Automated execution of functional, acceptance and other relevant tests, which are triggered after successful completion of a Continuous Integration cycle.



Continuous Delivery

Continuous Delivery results in a potentially ship-able deliverable at the end of the pipeline. The configuration of this pipeline is mostly owned by the systems team, with input from/usage by development.

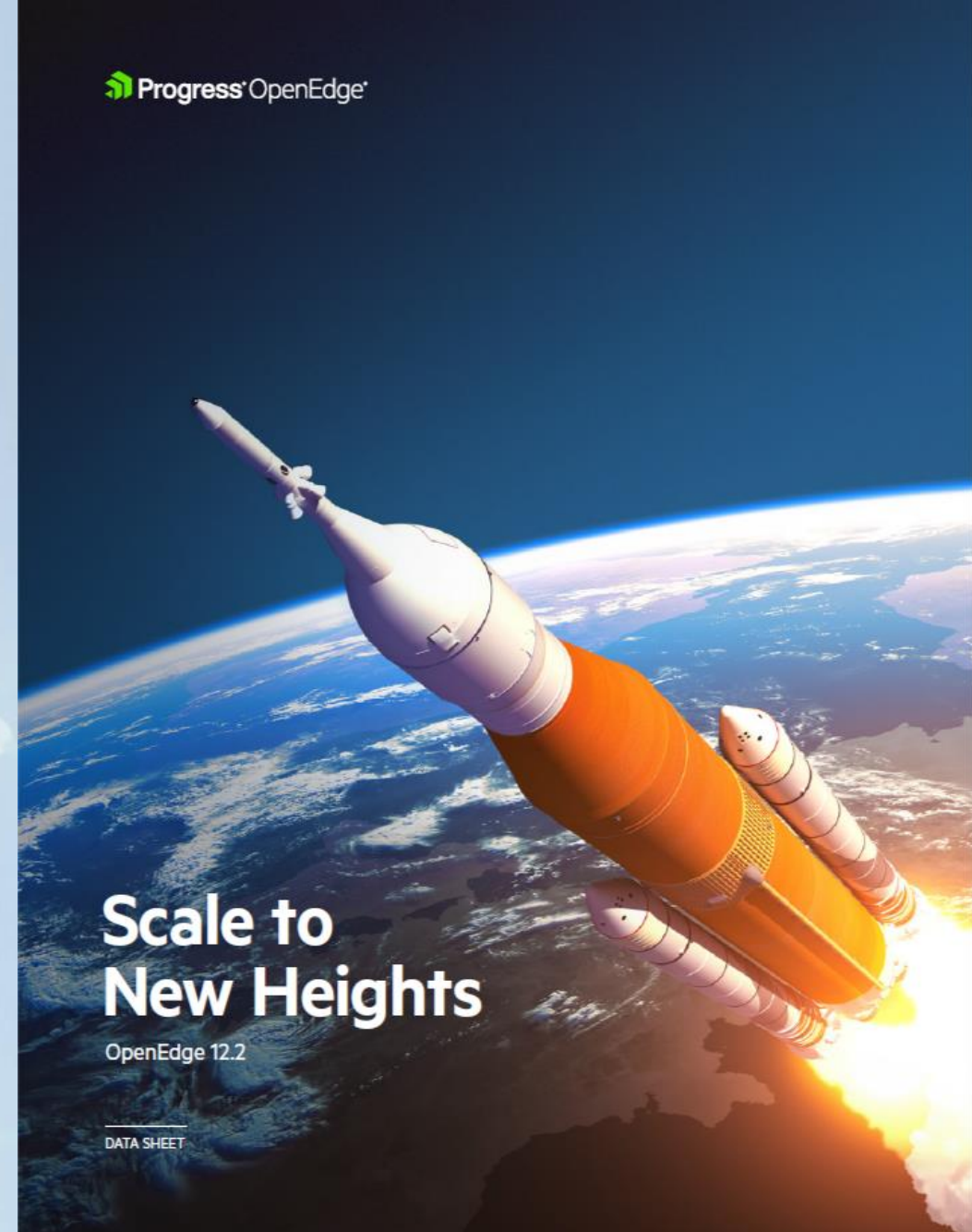
Automatisierung ► Produktivität und Qualität



Was bietet OpenEdge für die Cloud?

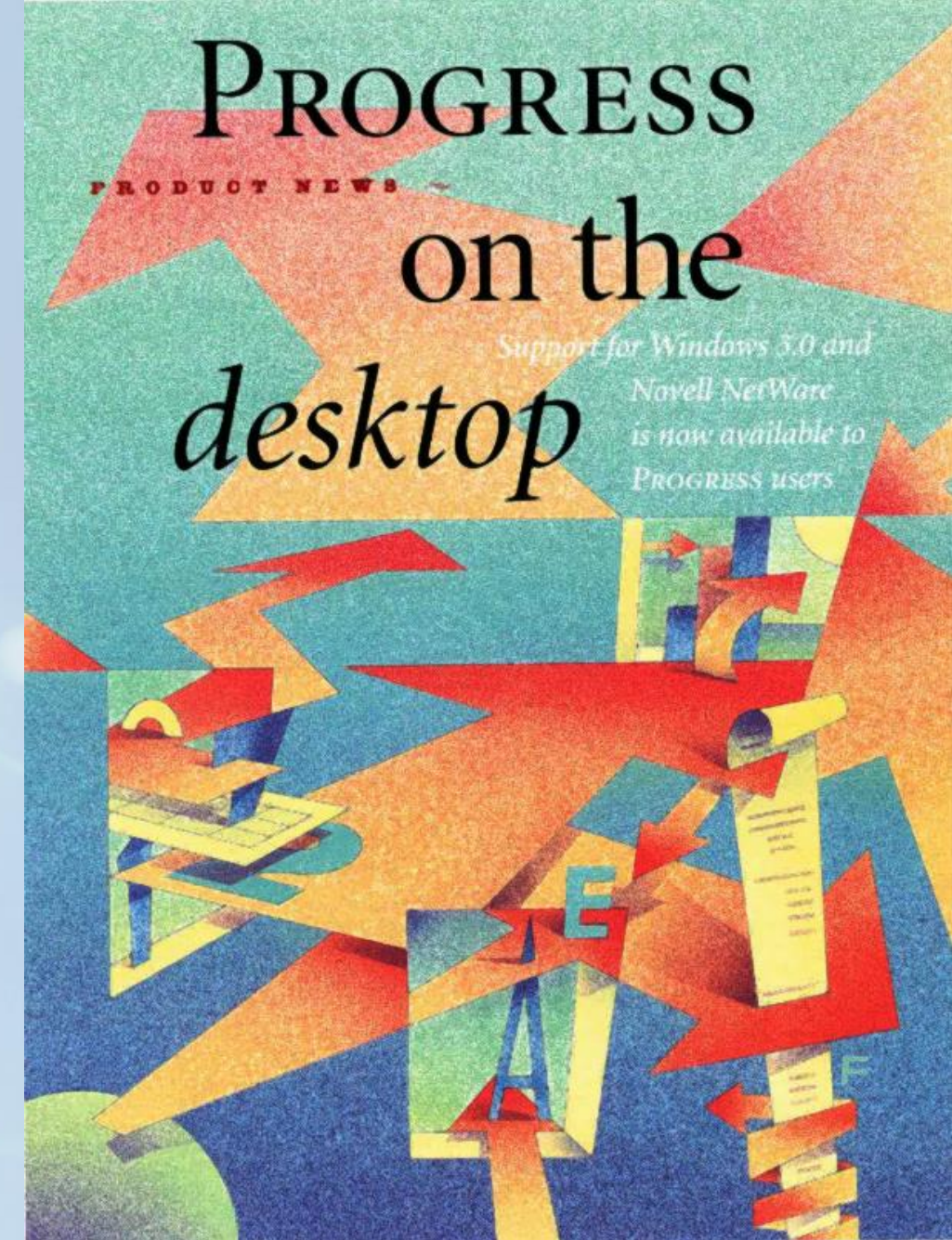
OpenEdge 12!

- Online, online, online
 - Management und Anpassung
 - Online Anwendungs-Deployment
- Neue Deployment-Konzepte
- 3x höhere Performance
- Support für aktuelle Betriebssysteme und Sicherheitsstandards
- Neue Features der ABL und des RDBMS



Evergreens!

- Progress AppSever for OpenEdge
- OpenEdge Web-Project
 - WebHandler / REST / PDO
 - PDSOE Web Project
- Security
 - OE Identity Management
 - PASOE Spring Security
 - OpenEdge Authentication Gateway
- PASOE Container
- OpenEdge Multi-Tenanancy
- OpenEdge Transparent-Data Encryption



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[https://aws.amazon.com/quickstart/architecture/progress-openedge/](#)
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REFERENCE DEPLOYMENT

Progress OpenEdge on AWS

Infrastructure for running an OpenEdge Advanced Business Language application

View deployment guide

OpenEdge is a convenient way to create the infrastructure required to run an *n*-tier OpenEdge Advanced Business Language (ABL) application with a web user interface (UI), representational state transfer (REST) data services, and the OpenEdge database. It combines AWS services and OpenEdge functionality to achieve high availability, redundancy, and scalability.

Use the AWS CloudFormation template to create new infrastructure, or use the AWS Command Line Interface (AWS CLI) to automate deployments of OpenEdge applications from a continuous integration and continuous deployment (CI/CD) pipeline.

The template contains user-provided Application Server (PAS) for OpenEdge to run when the infrastructure is created, and the OpenEdge database. The approach to deploy it to the AWS Cloud.

The web server and PAS for OpenEdge are deployed to Amazon Elastic Compute Cloud (Amazon EC2) instances in multiple Availability Zones to provide redundancy.

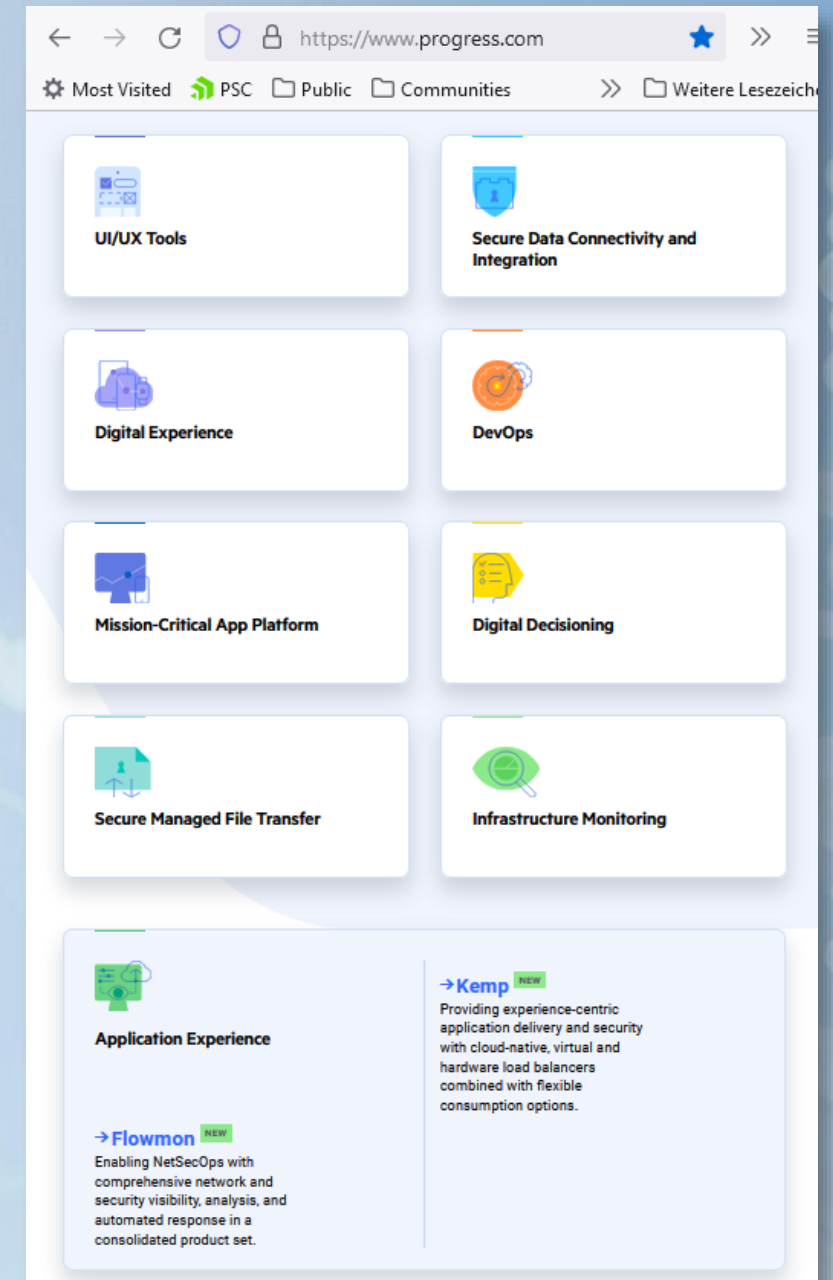
This Quick Start was developed by Progress in collaboration with AWS. Progress is an [APN Partner](#).

The diagram illustrates the AWS Cloud architecture for Progress OpenEdge. It is a multi-availability zone deployment across two Availability Zones (AZ1 and AZ2). Key components include:

- VPC:** A single VPC spans both AZs, containing Public and Private subnets.
- NAT Gateways:** One in each AZ's public subnet for internet access.
- Bastion Host:** Located in AZ1's public subnet for administrative access.
- Application Load Balancer:** Centrally located across both AZs.
- Auto Scaling Groups:** Three groups (Application, Web, PASOE) are configured with two instances each, distributed across the private subnets of both AZs.
- Web Servers:** Deployed in the private subnets of both AZs.
- PASOE Servers:** Deployed in the private subnets of both AZs.
- OpenEdge Database:** One instance in each AZ's private subnet.

Progress unterstützt Cloud

- Telerik KendoUI Komponenten
- Sitefinity Digital Experience Cloud
- MOVEit Cloud Dokumenten-Transfer
- Chef DevOps und Compliance für Cloud
- Chef und Kemp Application Delivery
- Whatsup Gold und Kemp Flowmon für Infrastruktur-Monitoring



Wege zur Cloud für OpenEdge

Grade der Migration in die Cloud/Hosting



Rehost (Lift and Shift)

Cloud ersetzt die eigene Hardware. Professionelle Leistungen in Sachen Ausfallschutz und Sicherheit. Keine Änderungen an der Anwendungs-Architektur.



Re-platform

Darüber hinaus: Nutzung von Cloud-Funktionen wie Lastverteilung, Verfügbarkeits-Zonen und Container mit automatischer Skalierung. Monitoring der Nutzung, Kostenzuteilung, etc.

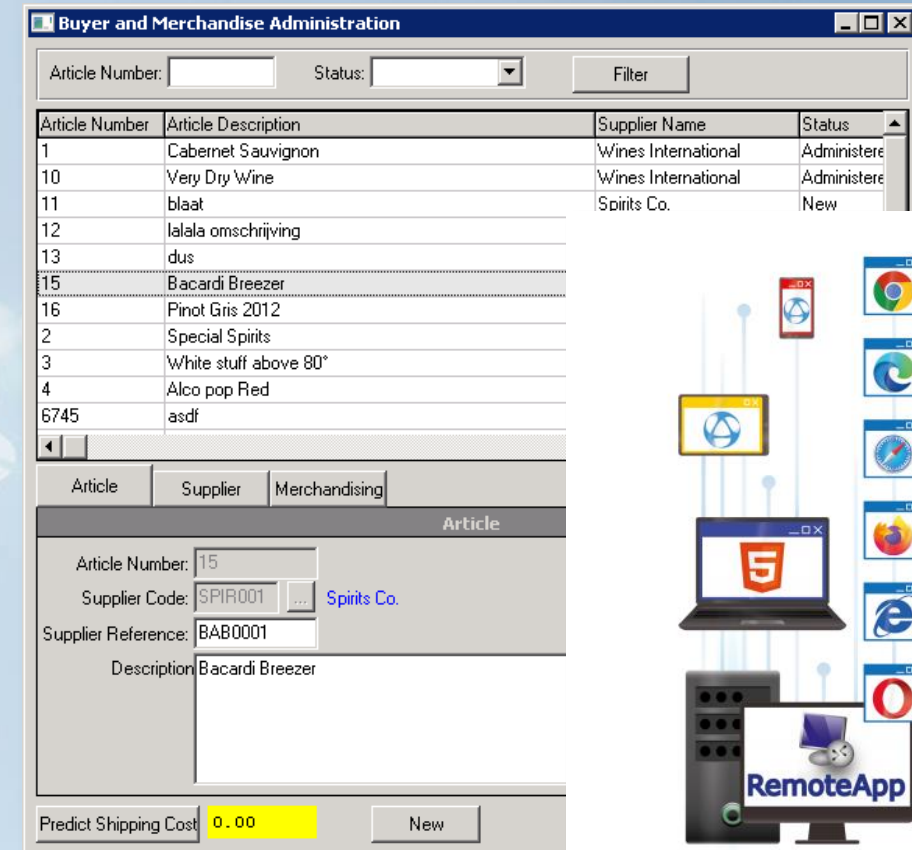


Refactor

Modernisierung der Anwendung. Neue Architektur für Deployment und Betrieb in einer Cloud. Erfordert für die meisten Anwendungen ein Re-Design und Migration der bisherigen Anwendung.

Mit dem GUI Client in die Cloud

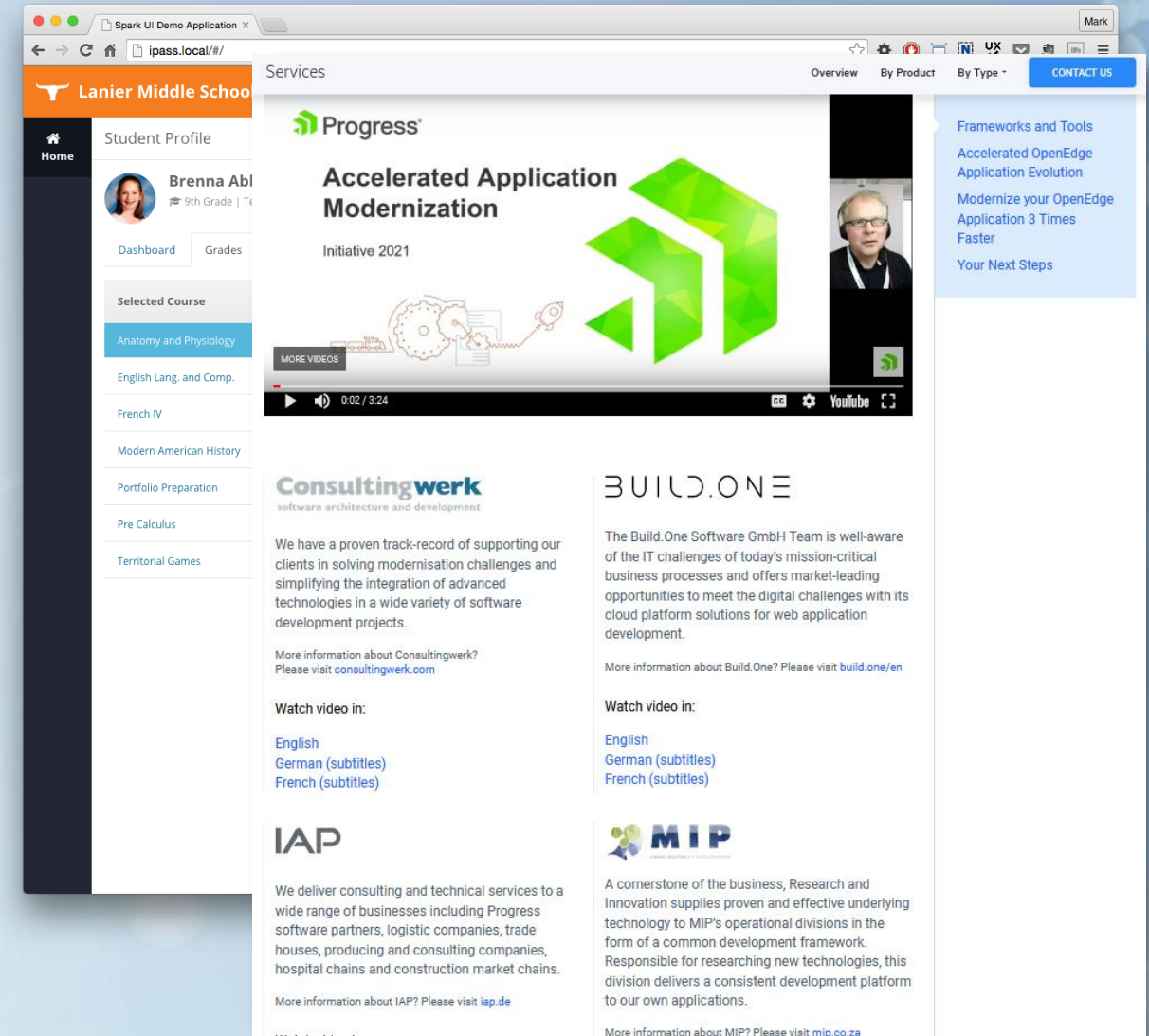
- Ohne Umwege: Terminalserver
 - Citrix Virtual Apps and Desktops
 - Microsoft Windows App-V
 - VMWare ThinApp
- Rendering eines GUIs in Remote Desktop und Web Browser
 - [Cameyo for Remote Work](#), [Thinfinity von Cybelesoft](#), [dinApp von dinCloud](#) und andere
- Direktes Rendering der Controls des OpenEdge GUI
 - IAP Skin Client
 - <https://www.iap.de/skin-client-desktop/>



**RUN ANY WINDOWS
APPLICATION ON A
WEB BROWSER**

Cloud Native nur mit App-Modernisierung

- Der Wechsel zur Cloud verlangt umfassende Anwendungsmodernisierung!
 - Oberfläche und Bedienbarkeit
 - Unterstützung für mobiles Arbeiten
 - Digitalisierung
 - Smarte Anwendungen
- Europäische Kampagne
 - <https://www.progress.com/services/modernization/openedge-modernization-emea>
 - Zusammenarbeit mit den lokalen Experten von IAP, Consultingwerk und Build.One (vormals Akioma)



Erfahrung und Planung ist unverzichtbar

- Analyse der Ausgangssituation
 - Anwendungsanalyse
 - Technical und Business Depts
 - Methoden und Kenntnisse
- Ziele?
 - Sammlung der Vorstellungen
 - Klärung, Priorisierung
 - Roadmap und Projektskizze
 - Commitment!
- Betreuung
 - Auf Kurs bleiben
 - Prüfung und Anpassung

“

If you don't know where you are going, you'll end up someplace else.

Yogi Berra

“

By failing to prepare, you are preparing to fail.

Benjamin Franklin

“

Give me six hours to chop down a tree and I will spend the first four sharpening the axe.

Abraham Lincoln

Mitmachen!

We're Open to Your Feedback And on the Edge of our Seats

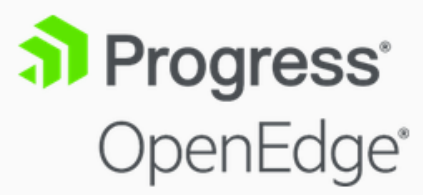
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ALREADY A CVP MEMBER

Delivering software that meets your high expectations is our number one priority.

Nun zu finden unter [Community.Progress.com](https://community.progress.com) -> Groups, rechte Seite, Liste der CVP Gruppen.

OpenEdge CVP <https://community.progress.com/s/group/0F94Q000000HakDSAS/openedge-cvp>



OpenEdge Ideas

Your portal to submit new ideas (enhancement requests) for Progress OpenEdge. Anyone can submit and vote on ideas, and these will be reviewed and prioritized by the Product Management team. If you submitted or subscribe to an idea, you will get automatic email notifications of comments and significant status changes.

Add a new idea

Recent Trending Popular

Search ideas

- My Ideas 0
- My votes 1
- My subscriptions 1

FILTER BY STATUS

- New 19
- Under review 214
- Already exists 11
- Will not implement 332
- Future consideration 85
- In progress 8
- Shipped 13

FILTER BY CATEGORY

- Application Server ? 7
- BPM ? 12
- Development ? 381
- Install and Deployment ? 50
- OpenEdge Database ? 200

76
VOTE

Complete OO functionality in ABL

Currently there are quite some OO features missing in ABL that are common in other OO languages like Java or C#:An extended list of wanted features is available at <http://www.oehive.org/oowishlist>, but I would like to repeat some here which I thin...

Created 6 months ago by Lieven De Foor
Development

In progress 0

19
VOTE

Add server-side join support for open query statement (static query)

We would like to have SSJ support for static queries (using the open query statement) like:DEFINE QUERY q1 FOR Customer, order SCROLLING.OPEN QUERY q1 FOR EACH customer NO-LOCK, EACH order OF customer NO-LOCK.

Created about 2 months ago by Heino Vander Sanden
Other

In progress 0

69
VOTE

Unused Code

Provide optional compiler warnings for variables and properties which are not referenced in the compile unit.There is another Idea posted with similar ask here <https://progresssoftware.aha.io/ideas/ideas/OPENEDGE-I-693>Variables and properties that...

<https://openedge.ideas.aha.io>

Webinars

OpenEdge Webinars

 Times shown below are in your local time.

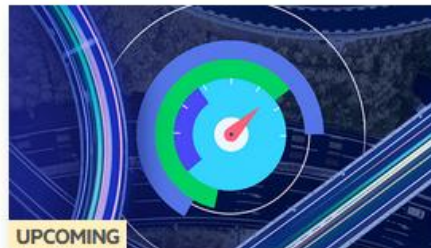


UPCOMING

September 23, 2021 10:00 AM MS

OpenEdge 12.4 Überblick

OpenEdge 12.4 ist das nächste OpenEdge Release. In unserem nächsten Webinar am 23. September



UPCOMING

October 7, 2021 10:00 AM MS

Schnellere OpenEdge-Anwendungsmodernisierung

In dieser Podiumsdiskussion zum Thema "Schnellere Anwendungsmodernisierung"



UPCOMING

October 28, 2021 10:00 AM MS

Das OpenEdge Command Center

Im nächsten OpenEdge-Webinar am 28. Oktober erzählen wir Ihnen mehr über

FILTER BY [CLEAR FILTERS](#)

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<https://www.progress.com/webinars?filter=language^german|product^progress-openedge>

Zeit für Ihre Fragen

