SAPIENS
Partnering for Success

Leveraging z/OS investment by eMerge

Introduction

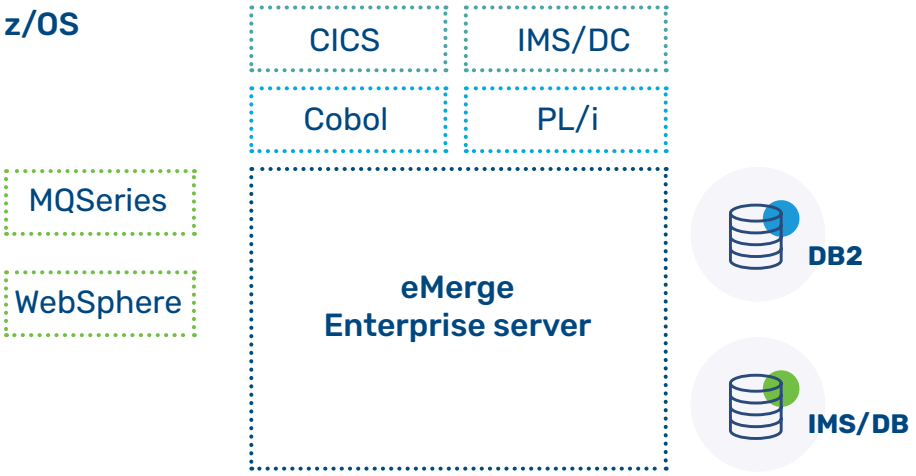
Dozens of eMerge-based solutions are currently operated on IBM mainframe platforms. As eMerge has evolved through the years, most of the solution's investment was exposed to external technologies adjusted by eMerge versions+.

z/OS runtime platform

Together with eMerge z/OS customers, Sapiens continues to enhance z/OS platform capabilities focused in two directions:

z/OS enhancements

Direct investment in the z/OS operating system, as well as in the wide set of eMerge associated products of IBM: DB2, CICS, IMS, MQSeries, Cobol, PL/I, and WebSphere.
These investments in z/OS and the products are to enable new functionalities that IBM is provides



In addition,
Sapiens is responsible for eMerge compatibility with all IBM products versions. Thus, if needed, eMerge is adjusted to support potential eMerge modifications.

z/OS integration with other technologies

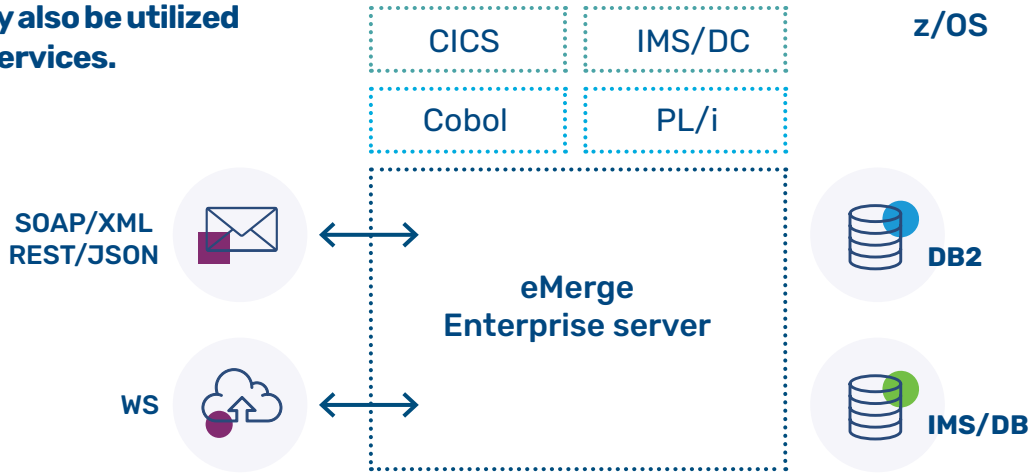
by z/OS customers need to easily integrate z/OS solutions with external various technologies. Modifications to the environmental information technology occur very rapidly and requires continued attention to z/OS integration abilities. Most integrations require the exposure of z/OS eMerge applications either as a web-server or as a web-client. Due to IT trends, eMerge integration abilities are always under continuous development. Integration abilities between eMerge z/OS applications and any non-z/OS applications, can be implemented by the following optional alternatives:

A. Messaging and Queuing - This integration can be implemented in both inbound and outbound directions, synchronously and asynchronously. The queuing may be implemented via these state-of-the-art technologies:

- Either by SOAP or REST protocols
- Either by XML or JSON technologies

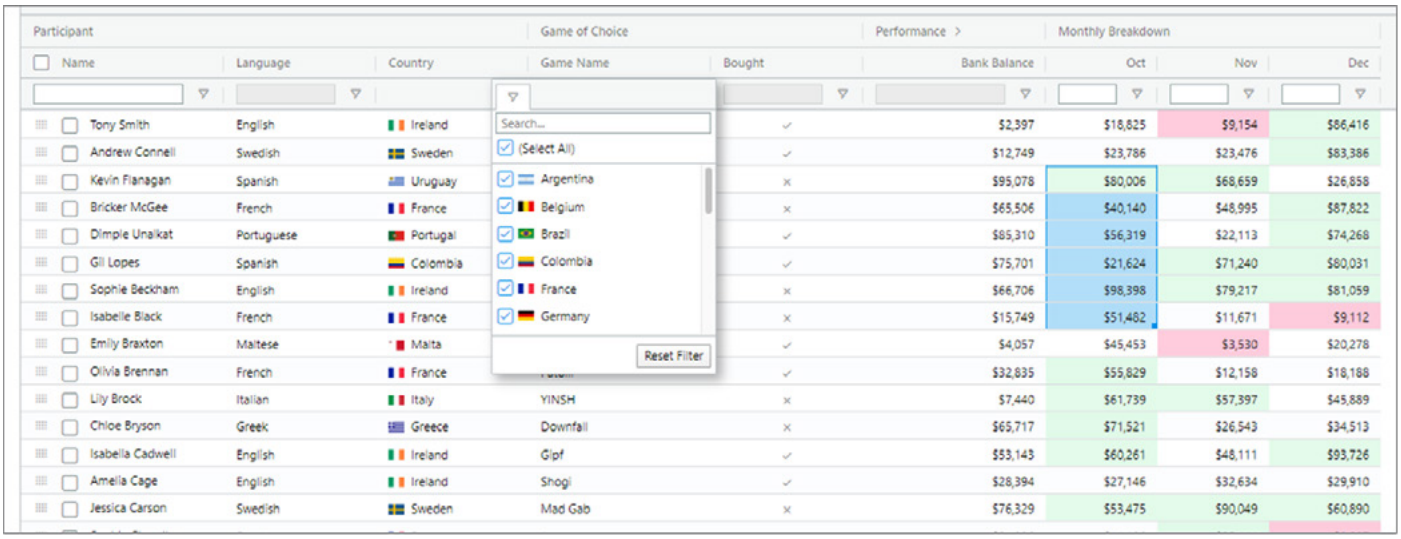
B. Web-services exposing – Approach any eMerge application object access via standard web-services by JAVA or C# running from the z/OS platform.

The eMerge application may also be utilized by foreign 3rd party web-services.



User-Experience Access

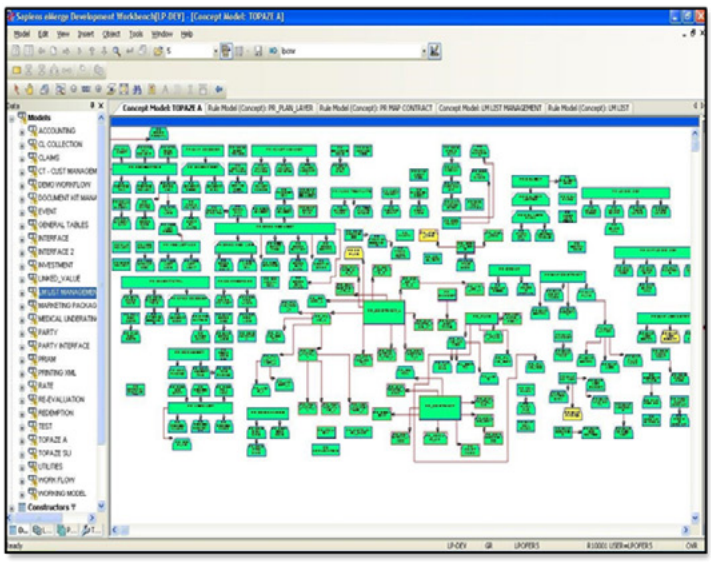
The User-Experience (UX) trend continues to provide more and more technologies that enable eMerge end-users to modernize their user experiences for existing eMerge z/OS applications. Original 3270 legacy interfaces were smoothly upgraded to client-server screens and then to 3-tiers UX screens.

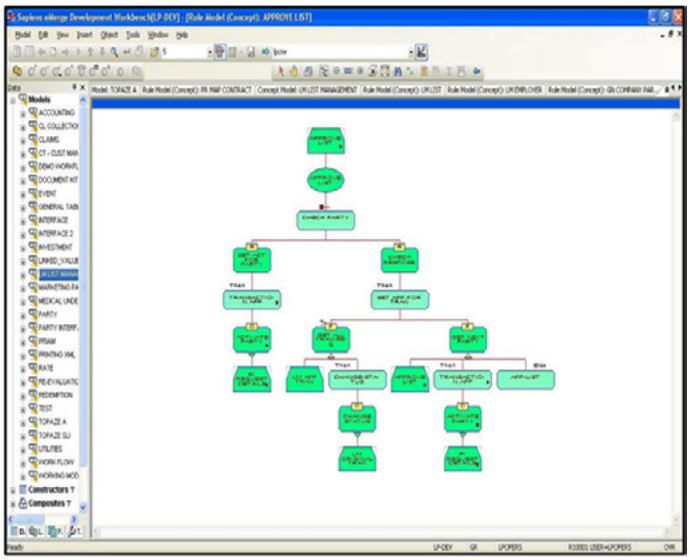


Participant			Game of Choice		Performance >	Monthly Breakdown		
Name	Language	Country	Game Name	Bought	Bank Balance	Oct	Nov	Dec
Tony Smith	English	Ireland		✓	$2,397	$18,825	$9,154	$86,416
Andrew Connell	Swedish	Sweden		✓	$12,749	$23,786	$23,476	$83,386
Kevin Flanagan	Spanish	Uruguay		×	$95,078	$80,006	$68,659	$26,858
Bricker McGee	French	France		×	$65,506	$40,140	$48,995	$87,822
Dimple Unalkat	Portuguese	Portugal		✓	$85,310	$56,319	$22,113	$74,268
Gil Lopes	Spanish	Colombia		✓	$75,701	$21,624	$71,240	$80,031
Sophie Beckham	English	Ireland		×	$66,706	$98,398	$79,217	$81,059
Isabelle Black	French	France		×	$15,749	$51,482	$11,671	$9,112
Emily Braxton	Maltese	Malta		✓	$4,057	$45,453	$3,530	$20,278
Olivia Brennan	French	France		✓	$32,835	$55,829	$12,158	$18,188
Lily Brock	Italian	Italy	YINSH	×	$7,440	$61,739	$57,397	$45,889
Chloe Bryson	Greek	Greece	Downfall	×	$65,717	$71,521	$26,543	$34,513
Isabella Cadwell	English	Ireland	Gipf	✓	$53,143	$60,261	$48,111	$93,726
Amelia Cage	English	Ireland	Shogi	✓	$28,394	$27,146	$32,634	$29,910
Jessica Carson	Swedish	Sweden	Mad Gab	×	$76,329	$53,475	$90,049	$60,890

Development Workbench

The eMerge Development Workbench is a collection of procedures and tools for developing, testing and debugging the z/OS applications. The eMerge Development Workbench is the eMerge development tool. The eMerge Development Workbench provides a single integrated development environment to develop applications; from the analysis stage to the testing and maintenance of live applications. Applications are developed using an iterative development approach. This contrasts with customary serial "waterfall" approaches to application development.





z/OS – eMerge development environment

Sapiens is using both z/OS and VM operating systems as the base development and maintenance platform for all eMerge available platforms. eMerge program code is developed and maintained on a mainframe as a single common source for z/OS and non-z/OS platforms. Only after eMerge code testing on z/OS is eMerge code distributed to other operating systems – IBM I Serious, Linux and Windows.

Contact us today to learn more about eMerge process

About Sapiens

Sapiens empowers insurers to succeed in an evolving industry. The company offers digital software platforms, solutions and services for property & casualty; life and pensions; and reinsurance. With more than 35 years of experience delivering to over 600 organizations globally, Sapiens has a proven ability to satisfy customers' core, data and digital requirements. For more information: www.sapiens.com

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