4 experimental Bluemix services you'll want to try

Check out the latest almost-ready-for-prime-time boilerplates and services on IBM Bluemix


Check out the latest almost-ready-for-prime-time boilerplates and services on IBM Bluemix, including selections from integration testing, data management, content management, application quality, and application infrastructure.

Feeling lucky? Enjoy getting your hands on the latest toys before they're released? Then these services are for you (though they're not recommended for production environments). Try out the latest innovations — three services and one boilerplate — for integration testing, data management, application quality, and content management that have been added to the catalog for Bluemix, IBM's premier platform as a service.

Let us know how we can improve these experimental services. What would make them more useful to you in your apps? We look forward to your feedback! Just click Add a comment in the right margin.


Integration Testing

Integration Testing is key to testing software early, often, and continuously. And now you can automate this testing in Bluemix with the Integration Testing service. Even if you don't have coding experience, you can define and execute automated tests for publicly reachable, HTTP-based, service endpoints. In a few clicks, you can use the shared dashboard to discover and run integration tests, and view confidence indicators for the quality for the services that are exposed
and consumed within the system being tested. With this greater understanding of quality, you can determine where to focus ongoing testing and development efforts.

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**Probabilistic Match**

The IBM Probabilistic Match service provides index, match, and search capabilities for person and organization entities that you can use with your own web and mobile apps. You can load person and organization entity data into your own probabilistic match engine (PME) and perform searches and comparisons with weighted results and match states by using the REST API within your app logic. This service is useful for apps that manage lists of companies or people, such as persons-of-interest, customer-profile, and watch-list apps.

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**Mobile Quality Extensions**

The IBM Mobile Quality Extensions service enables mobile app development teams to assess and optimize mobile app performance using Mobile Performance Optimizer. This tool performs static and run-time analysis of a mobile app, delivering assessments and suggested fixes for sub-optimal code behavior. The MQE service also includes Dark Launch, which lets you assess the quality attributes of an update with a subset of actual users in a live, production environment before rolling it out to all users.

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**WordPress**

WordPress is a popular open source content management system. This boilerplate includes everything you need to get WordPress up and running on Bluemix within minutes. IBM Object Storage manages your media files, and Sendgrid provides email integration. To further extend your WordPress site, you can download the application package and work with the code directly. Your database is provided by ClearDB, a MySQL database service provider.

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**Conclusion**

As with any worthwhile experiment, these services might not be stable and might change in unexpected ways. Have fun! And tell us how you’d like to see these services evolve.

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