APPDYNAMICS

Extend AppDynamics with extensions

The AppDynamics platform is open, extensible, and interoperable to fit any business need. Through the AppDynamics Exchange our community comes together to share knowledge and contribute back over 100 extensions that provide deep integrations to the tools you already use like Splunk, Apica, PagerDuty, and Amazon Web Services. From monitoring Amazon Web Services costs to MEAS mainframes, our extensions allow you to leverage the tools you already have in place.

Tailor AppDynamics to the perfect fit

Once you implement the Unified Monitoring Platform of AppDynamics, you may run into further needs of extending the reaches of AppDynamics. With the AppDynamics Exchange, you're given the capability to further tailor AppDynamics to integrate, extend, and monitor the furthest reaches of your architecture. You can rely on AppDynamics to provide the extensions necessary to meet your needs - whether integrating into an existing development workflow with your CI environment, or proactively helping auto-scale your application to meet traffic demands, or communicating with your existing alerting systems.

Leverage the AppDynamics extensions to integrate further and deeper into your existing workflow. You can leverage extensions to collect more metrics from additional systems, connect with your existing alerting systems, integrate with your development lifecycle and have it help with your cloud auto-scaling workflows.

Open, extensible, and fully supported

You need to monitor performance and extract meaningful analytics from your business applications—in your own environment, on your own terms. We believe you own your data and it should be easy to consume and analyze, which is why we provide REST APIs and SDKs available on GitHub that make it as easy as possible to get started.

AppDynamics created extensions are fully supported by AppDynamics.

How to build your extensions?

– Request an extension: AppDynamics will build your extension (priority and deliverables determined by AppDynamics)

– Build your extension: Leverage the AppDynamics API's to build an extension

– Extend an existing extension: Enhance an extension and contribute it back to the community

KEY BENEFITS OF APPDYNAMICS EXTENSIONS

– Monitor and collect performance metrics from additional systems

– Setup alerts for integration into existing workflows

– Integrate AppDynamics into testing lifecycle and integration environments

– Proactively respond to existing auto-scaling workflows

Types of extensions

Monitoring extensions
Integrate metrics from other monitoring systems and services including databases, LDAP servers, web servers and more.

Alerting extensions
Create custom notifications to integrate AppDynamics health rule violations and events with your alerting or ticketing system.

Cloud auto-scaling extensions
Integrate cloud orchestration functionality such as creating, destroying, restarting, configuring and validating machine and image instances.

REST API + SDKS

Retrieve data from your AppDynamics system, including application and infrastructure metadata, metrics, events and transaction snapshots. Find our developer SDKs on GitHub and complete documentation to our REST API.

Additional extension scenarios

– Extract Business Transactions/monitoring Data

– Send push notifications to third-party systems

– Add custom application monitors and correlation

– Add custom machine monitors and tasks

– Elastically scale instances in cloud environments

– Add release notifications

For a full list of our available extensions, visit the AppDynamics Exchange at: **community.appdynamics.com**

POPULAR EXTENSIONS

Monitoring
- Docker
- Amazon AWS S3
- IBM WebSphere Message Broker
- Memcached
- F5
- Varnish
- MongoDB
- Cloud Foundry
- Cassandra
- Nagios
- RabbitMQ

Alerting
- Logstash
- Atlassian JIRA
- Boundary
- Campfire
- PagerDuty
- ServiceNow
- Splunk
- Twitter
- HipChat

Performance Testing
- Apica
- HP Loadrunner
- Impetus SandStorm
- Jenkins
- OPTIC

Cloud Auto-Scaling
- Amazon Web Services EC2 Cloud Connector
- Apache Cloudstack
- OpenStack
- Google Compute Engine
- Rackspace FirstGen Cloud
- vCloud Director Cloud
- Verizon Cloud
- vSphere Cloud
- Windows Azure