

Education

Software Version 12.0.0

Release Notes



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New in this Release

This section lists the enhancements to Eduction version 12.0.0.

Enhancements to Eduction Server and Eduction SDK

- You can now augment the Dutch sentiment grammar by using the new `sentiment_user_dutch.xml` file.

Enhancements to Eduction Server

- Several new modes have been added for the JSON response format. The `ResponseFormat` `general` ACI action parameter has the following new options:
 - `json/0`. The older JSON format, which returns single-element lists as objects rather than arrays.
 - `json/1`. A new JSON format, which returns single-element lists as arrays, for consistency with multiple-element lists.
 - `simplejson`. A new JSON format, similar to `json/1`, but it does not use `$` nodes to represent XML nodes unless the equivalent XML node contains attributes. This response format also does not use `auth:` prefixes in node names.

The existing `ResponseFormat` option, `json`, uses your default JSON format, which you configure by setting the `JSONFormat` parameter in the `[Server]` section of the configuration file. The `JSONFormat` configuration parameter accepts the three values listed above, as well as `json`, which uses the latest JSON format version (currently `json/1`).

- The OpenSSL library has been updated to version 1.0.2n.

Resolved Issues

This section lists the resolved issues in Educcion version 12.0.0.

- The `allowMultipleResults` function in the `EDKEngine` class was inconsistent between the Java API and the C++ API. In the Java API, this value now accepts a string rather than a Boolean value. The string must be one of **All**, **No**, or **OnePerEntity**. This behavior is the same as the C++ API.

Resolved Issues for Educcion Server

- The `ShowPermissions` action did not show permissions for `SSLIdentities` configured in the `[AuthorizationRoles]`.
- If an ACI Server was configured to request client SSL certificates, running multiple requests from a client could sometimes fail with **session id context uninitialized** errors. For example, this could occur when loading IDOL Admin.

Notes

These notes provide extra information about installing and using Eduction.

- A new example script, `case_filter.lua` is available. This script provides an example of how to filter out matches by case, for example for use with personal name grammars. For more information, refer to the *IDOL Eduction User Guide*.
- Documentation for the deprecated `AdminClients`, `IndexClients`, `UserClients`, `QueryClients`, `ServiceControlClients`, and `ServiceStatusClients` parameters has been removed.

This functionality is still available, but might be incompatible with new functionality, and might be deleted in the future. For details about the parameters, refer to the documentation for your components at version 11.6 or earlier.

Requirements

This section describes the system requirements, supported platforms, and software dependencies for Education 12.0.0.

Minimum System Requirements

The following are minimum system requirements for Education 12.0.0.

- 512 MB RAM
- 1 GB disk space
- 800 MHz or higher processor
- 400 MB of space designated for `/tmp` or `/var/tmp` (UNIX), or user-defined temporary directory (Windows)

Software Dependencies

Java

Development with the Education Java SDK requires the Java 6.0 JDK and JRE.

Microsoft Redistributable Package

Windows versions of Education require installation of the Microsoft Visual C++ 2013 redistributable package.

Supported Operating System Platforms

The following operating system platforms are supported by Education 12.0.0.

- Windows x86 64
- Linux x86 64
- Solaris x86 64
- Solaris SPARC 64

Documentation

The following documentation was updated for this release.

- *Eduction SDK Programming Guide*
- *Eduction User Guide*
- *Eduction Server Reference*