

# IDOL Content Component

Software Version 12.1.0

## Release Notes



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## Documentation updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

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- Access product documentation
- View software vulnerability alerts
- Enter into discussions with other software customers
- Download software patches
- Manage software licenses, downloads, and support contracts
- Submit and track service requests
- Contact customer support
- View information about all services that Support offers

Many areas of the portal require you to sign in with a Software Passport. If you need a Passport, you can create one when prompted to sign in. To learn about the different access levels the portal uses, see the [Access Levels descriptions](#).

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## New in this Release

This section lists the enhancements to IDOL Content Component version 12.1.0.

- You can use `action=summarize&summary=concepts` to generate a summary of the common concepts between several inputs. The action has a new parameter, `delimiter`, which specifies the delimiter to use for separating multiple inputs within the existing `text` parameter.
- You can create a custom library to perform stemming, in cases where you want to use different stemming rules to the IDOL built-in stemming and the stemming files are not sufficiently flexible. The documentation for the custom stemming library interface is available on the Micro Focus public github, <https://github.com/microfocus-idol/idol-custom-stemming-example>.

To configure Content to use the custom stemming library, set the `CustomStemming` parameter in the configuration section for the language type to the name of the library. For example:

```
[English]  
CustomStemming=mycustomstemmer
```

In this example, IDOL Content attempts to load an external library called `mycustomstemmer.dll` (Windows) or `libmycustomstemmer.so` (non-Windows) from the configured `LanguageDirectory`, and uses it for stemming in English text.

- The `[AuthorizationRoles]` section `StandardRoles` configuration parameter now accepts an asterisk (\*) to represent all standard roles, so that you can easily set permissions for all roles.
- When importing parameters into your configuration file from another configuration file, you can use wildcards to select the parameters to include.

## Resolved Issues

This section lists the resolved issues in IDOL Content Component version 12.1.0.

- An interruption of service could occur when performing index validation with `RepositoryStorage=FALSE`. This could occur whether validation was started as a result of the index action `DREVALIDATE?type=diskindex`, or due to the configuration parameter `ValidateDiskindex` being `TRUE`.
- An interruption of service could occur when Content returned the data for a document with more than 100,000 fields at a single level.
- `DRECOMPACT` could cause inconsistencies in large dynterm indexes (with more than approximately 12GB of term data). Processing the affected data could subsequently cause an interruption of service.
- Content did not restore status files (stored in the directory configured by `[Paths] StatusPath`) from a backup when `BackupCompression` was set to **true**.
- In `XMLFullStructure` mode, Content could incorrectly fail to return matches for fieldtext restrictions of the form `OP1{:FIELD} WHEN OP2{:FIELD}/_ATTR_ATTRIBUTE`.
- Content could incorrectly fail to return some results for queries containing an optimized `WHEN` fieldtext expression that is later inverted, for example `NOT(MATCH WHEN EQUAL)`.
- A highlight request containing a proximity expression and a (NOT term) clause could incorrectly highlight all terms in the provided text.
- JavaScript could be injected into the `GetRequestLog` response by sending actions to the server.

## Notes

These notes provide extra information about installing and using IDOL Content Component.

- If you are upgrading from IDOL Content version 11.6 or 12.0 and have a much larger than average term index, you might have been affected by an issue with the `DRECOMPACT` action. Micro Focus recommends that you run the action `DREVALIDATE?Type=DiskIndex`. If this detects any issues with the index, Micro Focus recommends that you export your data and re-index into a new installation of Content version 12.1.

# Documentation

The following documentation was updated for this release.

- *IDOL Expert*
- *IDOL Getting Started Guide*
- *IDOL Server Reference*
- *IDOL Content Component Reference*
- *IDOL Server Administration Guide*