

This page documents production updates to AutoML Natural Language. You can periodically check this page for announcements about new or updated features, bug fixes, known issues, and deprecated functionality.

To get the latest product updates delivered to you, add the URL of this page to your feed reader (https://wikipedia.org/wiki/Comparison_of_feed_aggregators), or add the feed URL directly:

<https://cloud.google.com/feeds/automl-natural-language-release-notes.xml>

FEATURE**AutoML Natural Language General Availability (GA) release**

AutoML Natural Language enables you to train three types of custom machine learning models:

- **AutoML Text & Document Classification** creates models to classify documents according to labels that you define.
- **AutoML Text & Document Entity Extraction** creates models to identify a custom set of entities within documents.
- **AutoML Text & Document Sentiment Analysis** creates models to analyze attitudes within text.

The GA release consolidates these features, which were documented as separate products during beta testing. See the [AutoML Natural Language documentation](https://cloud.google.com/natural-language/automl/docs/) (<https://cloud.google.com/natural-language/automl/docs/>) for details about all features.

FEATURE

AutoML Natural Language offers you control over where your datasets and models are stored and where machine learning takes place. In particular, you can configure AutoML Natural Language to at rest and perform machine learning

processing in the European Union only. See [Locations](https://cloud.google.com/natural-language/automl/docs/locations) (https://cloud.google.com/natural-language/automl/docs/locations) for more information.

FEATURE

AutoML Natural Language Text Classification now supports [batch prediction](https://cloud.google.com/natural-language/automl/docs/predict) (https://cloud.google.com/natural-language/automl/docs/predict).

FEATURE

AutoML Natural Language Text Classification can now classify PDF files and also supports PDF files as training items.

FEATURE

AutoML Natural Language Entity Extraction offers support for document-based entity extraction, which enables you to identify entities in a format that recreates the basic layout of the training item. When you add annotations, AutoML Natural Language Entity Extraction captures the annotation's position on the page as a factor considered during training. See [Managing datasets](https://cloud.google.com/natural-language/automl/entity-analysis/docs/datasets#label-items) (https://cloud.google.com/natural-language/automl/entity-analysis/docs/datasets#label-items) for more information.

FEATURE

AutoML Natural Language Entity Extraction Beta has been released.

FEATURE

AutoML Natural Language Sentiment Analysis Beta has been released.

ISSUE

Microsoft Edge and Microsoft Internet Explorer do not support all features of AutoML Natural Language Entity Extraction. If you are having problems, try Google Chrome, Safari, or Firefox.

ISSUE

Microsoft Edge and Microsoft Internet Explorer do not support all features of AutoML Natural Language Sentiment Analysis. If you are having problems, try

Google Chrome, Safari, or Firefox.

CHANGED

Beginning January 22, 2019, inactive models are subject to automatic undeployment. An inactive model is one that has not been used for prediction in 60 days. An undeployed model is not available for use until you explicitly redeploy it using a method that will be made available in advance of any undeployments.

CHANGED

The AutoML Natural Language Text Classification service account requires additional permissions to access project resources when using the AutoML Natural Language Text Classification UI. You must add the role `serviceusage.serviceUsageAdmin`. See step 8 in [Before You Begin](https://cloud.google.com/natural-language/automl/docs/before-you-begin) (<https://cloud.google.com/natural-language/automl/docs/before-you-begin>).

CHANGED

The URL for the AutoML Natural Language Text Classification UI has changed to <https://console.cloud.google.com/natural-language>. The previous URL <https://beta-dot-custom-vision.appspot.com/text/> will remain active.

FEATURE**AutoML Natural Language Text Classification Beta Release**

Models created during the EAP will continue to be valid for the Beta. You do not need to recreate/retrain models. However, the format of resource IDs (dataset IDs, model IDs, and operation IDs) is changing. If you are using hardcoded resource

IDs, you need to obtain new IDs for those resources (using the get or list method) by August 31, 2018.

Note: Enabling the AutoML API for your project automatically also enables the Cloud Vision API, Cloud Translation API, and Cloud Natural Language API. Disabling any of these three APIs will also disable the AutoML API.

CHANGED

The earlier version of the AutoML Natural Language Text Classification UI has been deprecated. Attempts to connect to the older UI are redirected to the new UI.

CHANGED

The refresh of the AutoML Natural Language Text Classification EAP release introduces a new UI design and a new API.

CHANGED

AutoML Natural Language Text Classification has changes to its modeling logic. You may notice an increase in training latency as well as potential improvements in training performance.

FEATURE

AutoML Natural Language Text Classification EAP release