A Studio

We're pleased to announce that the world's first (and finest) true NLG Platform is now faster, easier, even more configurable

This line-up of ground-breaking new enhancements and features adds significant speed and ease-of-use to your NLG-based automated reporting and other use cases.

Here's what's new...

- Upload data directly into **Studio Runner** to generate new narratives

- Over **20 new functions** pertaining to statistics, linguistics, date and time

- Organize scripts using our new **search & sort** functionality

- Take our new **Guided Tutorials** for table-based projects

Log in to Arria NLG Studio now to experience firsthand all that is new with our latest version. If you're not yet a Studio user, **visit our website and request a Free Studio Trial.**
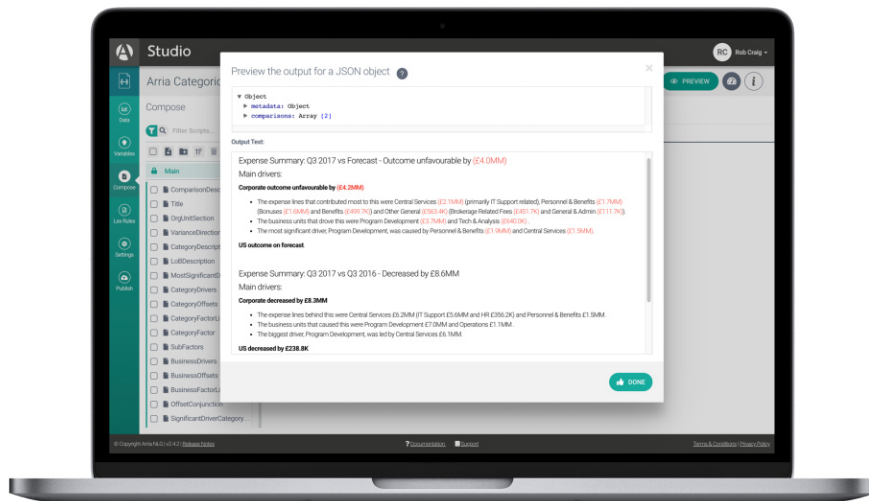
Arria NLG Studio automatically generates, from complex data sources, superbly written, natural-language reports that you would believe were written by a human expert. It lets you build NLG solutions without relying upon developers or third parties.

Arria empowers writers and subject matter experts to create an effectively unlimited number of sophisticated narratives based on structured data sets. Our simple web-based interface contains a set of easy-to-understand functions that correspond to the array of analytical, linguistic and stylistic decisions a human writer makes when composing insightful narrative.

Arria NLG Studio For BI gives data analysts the ability to create BI dashboards that are simpler and faster to interpret by instantly generating expert narrative to accompany the visuals on their BI dashboards.

THE POWER *of* LANGUAGE

Arria NLG Studio New Enhancements & Features

Additional script management functionality:

- **Scripts are now searchable by content.** Use the filter/search toggle to either filter by name or search by content.

- **The script list can now be sorted alphabetically** in ascending or descending order.

- **The Insert Script menu** now shows the custom folder structure of your script list.

Additional time and date functionality:

- **A number of functions to deal with time zones** in DateTime objects have been added: translateTimeZone(), setTimeZone(), getTimeZone().

- **The new parseDuration() function** makes it possible to transform a duration expressed as text into an integer representing the number of seconds in that duration.

- **sortDateTimes() and sortDateTimesReverse()** have been added to the functions that Studio offers for sorting lists of objects of different types.

- **A new getCurrentTime() function** returns the current system time as a DateTime object. The inflexible now() and today() functions have been deprecated.

- **A number of functions to transform a duration expressed in seconds** into other granularities have been added, e.g. asMinutes(), asHours(), asDays() etc.

- **The formatDateTime() function** now supports formatting dates with an ordinal day number via the use of a special @ operator. For example, now 2019-04-08 can be expressed as '8th April 2019' by adding @ to the day component of the formatting pattern: 'd@ MMMM YYYY'.

New ATL functions have been added:

- **Standard statistical functions:** mode(), median(), count(), frequency(), percentile(), rank(), and standardDeviation().

- **The countryAdjective() function** takes a country name and returns the adjective pertaining to this country, e.g. countryAdjective("Netherlands") returns Dutch.

- **The countryDeterminer() function** takes a country name and returns the name prepended with "the" when appropriate, e.g. it turns "USA" into "the USA".

- T**wo new functions** now make it easier to test for the type of a value: isNumber(), isDateTime().

- **The filterRows() function** now makes it easier to filter a table by the values of one or more given columns.

Arria NLG Studio New Enhancements & Features

Improvements to Studio Runner:

- **Studio Runner now accepts data files in the same CSV or JSON format** as your project's sample data. This makes it even easier to manually call your published projects.

- **Studio Runner now allows setting of the advanced configuration options** that are available when calling the API endpoint programmatically.

- **Some improved error messages** in Studio Runner.

Improvements to privately hosted deployments:

- **Studio user configurations:** In privately hosted deployments using LDAP-compliant directory servers such as Active Directory, it is now possible to configure your Studio users in a group, from across multiple search bases.

- **The Run Project functionality** is now available to privately hosted deployments.

More enhancements and new features:

- **Syntactic errors are now shown** along with other warnings in the preview pane rather than preventing preview altogether. However, projects containing syntax errors can no longer be published (this is to avoid users being charged for running them).

- **The decodeHtml function has been improved** to allow manual insertion of html <span> tags with a style attribute, for example making it possible to color small chunks of text, change the font, or add margins.

- **On pop-up dialogs,** pressing the Enter key now results in the same action as clicking the dialog's main button.

- **Sample projects:** the group of sample projects available directly within Studio has been extended, and some minor updates have been made to the Table Fundamentals and JSON Fundamentals projects.

- **The warning and error messages** around illegal script and folder names have been improved.

- **The list of illegal names** for variables has been updated.

- **When a new version is available,** Studio gives users a prompt to refresh the browser to avoid glitches when an old front-end version is used with a new back-end.

- **New variables:** it is now possible again to create a new variable directly from the parameter drop-down menu in the function and conditional builders.

Log in to your Arria NLG Studio account to see the latest Release Notes. For help with any of these new features and enhancements, or any other features within Arria NLG Studio, please contact us at support.studio@arria.com.