Natural for Ajax

Release Notes

Version 9.1.2

October 2019

This document applies to Natural for Ajax Version 9.1.2 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
`Monospace font`	Identifies service names and locations in the format *`folder.subfolder.service`*, APIs, Java classes, methods, properties.
`Italic`	Identifies: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
`Monospace font`	Identifies: Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
|	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the | symbol.
[ ]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [ ] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

Online Information and Support

Software AG Documentation Website

You can find documentation on the Software AG Documentation website at **http://documentation.softwareag.com**. The site requires credentials for Software AG's Product Support site Empower. If you do not have Empower credentials, you must use the TECHcommunity website.

Software AG Empower Product Support Website

If you do not yet have an account for Empower, send an email to empower@softwareag.com with your name, company, and company email address and request an account.

Once you have an account, you can open Support Incidents online via the eService section of Empower at **https://empower.softwareag.com/**.

You can find product information on the Software AG Empower Product Support website at **https://empower.softwareag.com**.

To submit feature/enhancement requests, get information about product availability, and download products, go to **Products**.

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the **Knowledge Center**.

If you have any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory at **https://empower.softwareag.com/public_directory.asp** and give us a call.

Software AG TECHcommunity

You can find documentation and other technical information on the Software AG TECHcommunity website at **http://techcommunity.softwareag.com**. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest.
- Access articles, code samples, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

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Additional Product Information

Beside this product documentation, additional product information is available at the following places:

- The Knowledge Center at *https://empower.softwareag.com/* (for registered users only).
- The Natural for Ajax discussion forum at *http://tech.forums.softwareag.com/techjforum/forums/list.page*.

Prerequisites

For detailed information on the supported operating systems, application servers, web containers, web browsers, and other prerequisites, see *System Requirements*.

New Features in Version 9.1

This section describes new features and enhancements in Natural for Ajax which have been added with this release of Natural for Ajax.

- Responsive Tab Controls
- BMOBILE:ALERT with new Property duration
- BMOBILE:PANEL with new Property foldedprop
- BMOBILE:FORMAREA with new Properties legendprop, visibleprop and invisiblemode
- BMOBILE:FORMAREA with new Properties textid and nameprop
- BMOBILE:FORMGROUP with new Properties visibleprop and invisiblemode
- BMOBILE:CHECKBOX with new properties
- New Responsive Control BMOBILE:RADIOBUTTON
- New Responsive MEDIA Controls
- New Responsive Side Navigation Controls
- BMOBILE:NAVBAR with new Property brandstraighttext
- BMOBILE:SIMPLEGRID with Editable Columns
- DATEINPUT2: Custom Holiday Rendering
- DATEINPUT2 with new Property popuponF4F7
- DATEINPUT and DATEINPUT2 support Property testtoolid
- NaturalAjax Samples
- PDF Reports - Upgrade to Version FOP 2.2
- CSVCOLUMN now supports Properties njx:natname and njx:natstringtype
- Responsive Style Guide
- Standalone SWT Client with Java Web Start

- Password Length 128

Responsive Tab Controls

A set of responsive tab controls has been added:

- BMOBILE:TABPANE,
- BMOBILE:VERTICALTABPANE,
- BMOBILE:TAB,
- BMOBILE:TABSUBPAGES,
- BMOBILE:VERTICALTABSUBPAGES,
- BMOBILE:STRAIGHTTAB,
- BMOBILE:PAGER.

BMOBILE:ALERT with new Property duration

For the BMOBILE:ALERT control, you can now define the duration after which the alert box will disappear.

BMOBILE:PANEL with new Property foldedprop

For the BMOBILE:PANEL container, you can now control the folded state dynamically from your Natural program.

BMOBILE:FORMAREA with new Properties legendprop, visibleprop and invisiblemode

For the BMOBILE:FORMAREA container, you can now control the visible state and the name of the legend dynamically from your Natural program.

BMOBILE:FORMAREA with new Properties textid and nameprop

For the BMOBILE:FORMAREA container, you can now dynamically define the name from your Natural program and from multilanguage files.

BMOBILE:FORMGROUP with new Properties visibleprop and invisiblemode

For the BMOBILE:FORMGROUP container, you can now control the visible state and the name of the legend dynamically from your Natural program.

BMOBILE:CHECKBOX with new properties

Some advanced properties have been added to the BMOBILE:CHECKBOX control.

New Responsive Control BMOBILE:RADIOBUTTON

A responsive radio button control BMOBILE:RADIOBUTTON is now available.

New Responsive MEDIA Controls

The responsive controls BMOBILE:VIDEO, BMOBILE:MEDIAUPLOAD and corresponding sub-controls have been added to integrate and upload media objects.

New Responsive Side Navigation Controls

The controls BMOBILE:SIDENAV, BMOBILE:NAVTREE and BMOBILE:SIDENAVCONTENT support the implementation of responsive side navigation using a responsive navigation tree.

BMOBILE:NAVBAR with new Property brandstraighttext

For the BMOBILE:NAVBAR control, you can now set text and images as value of the `brandprop` property. Via the new property `brandstraighttext` you can distinguish between the representation.

BMOBILE:SIMPLEGRID with Editable Columns

The BMOBILE:SIMPLEGRID control now supports editable columns. See the corresponding sample in the Natural Ajax Demos for details.

DATEINPUT2: Custom Holiday Rendering

Support to render custom holidays in different style has been added to the DATEINPUT2 control. For details, please refer to the new properties `HOLIDAYS*` and the corresponding sample in the Natural Ajax Demos.

DATEINPUT2 with new Property popuponF4F7

For the DATEINPUT2 control, you can now customize whether or not the calendar should open on using the F4 or F7 key.

DATEINPUT and DATEINPUT2 support Property testtoolid

The DATEINPUT and DATEINPUT2 controls now support the property `testtoolid`.

NaturalAjax Samples

The samples now contain an additional user interface component with performance hints for non-responsive layouts and containers.

PDF Reports - Upgrade to Version FOP 2.2

FOP 2.2. is now used for the PDF report generation in Natural for Ajax. This version requires more Java memory. When using this feature you might have to increase the configuration settings for Java memory in your web application server.

For details concerning Java memory settings, please refer to the documentation of your web application server.

CSVCOLUMN now supports Properties njx:natname and njx:natstringtype

The CVSCOLUMN control now supports the properties `njx:natname` and `njx:natstringtype`.

Responsive Style Guide

For responsive pages a style guide is now available. You find the latest version in the NaturalAjaxDemos NaturalONE project.

Standalone SWT Client with Java Web Start

The standalone SWT Client, which is based on Java Web Start, is not part of the delivery anymore. Until October 2019 you can request the client in case you require it.

Password Length 128

Natural for Ajax now supports a password length of 128 for Natural servers which also support a password length of 128.

New Features in Version 9.1.2

This section describes new features and enhancements in Natural for Ajax which have been added with this release of Natural for Ajax.

- New Ajax Configuration Parameter urlopenstreetmapgeocoder
- AUTOCOMPLETE supports limiting the results shown in a drop-down box
- DATEINPUT2 with new Properties stylevariant and displayprop
- New Control REPORT2
- New Ajax Configuration Parameter maxserverlogage
- Support for editable columns in BMOBILE:SIMPLEGRID
- ROWTABLEAREA2 supports Export to Clipboard and File
- ROWTABLEAREA2 supports Icon Bars
- Layout Generation Enhancements
- Switch off Server Logging
- New Responsive Control BMOBILE:ICONCOL
- Responsive Modal Controls
- Icon Support in Responsive Controls

New Ajax Configuration Parameter urlopenstreetmapgeocoder

You can now adapt the third party geocoder URL in the Ajax configuration file if needed. See *Ajax Configuration* for details.

AUTOCOMPLETE supports limiting the results shown in a drop-down box

The AUTOCOMPLETE control now enables you to limit the results shown in the drop-down box. The AUTOCOMPLETE control now also has a new property `maxresults`. The FIELD control now has a new property `autocompleteresultsref`.

DATEINPUT2 with new Properties stylevariant and displayprop

DATEINPUT2 now supports the properties `stylevariant` and `displayprop` in the same way as the FIELD control.

New Control REPORT2

The REPORT2 control supports PDF report generation in responsive and non-responsive design. In difference to the REPORT control, it does not require to additionally render the data in the HTML pages.

New Ajax Configuration Parameter maxserverlogage

Automatic cleanup of *ServerLog*.log* files is now supported. You can configure the maximum storage age of *ServerLog*.log* files in days. See *Ajax Configuration* for details.

Support for editable columns in BMOBILE:SIMPLEGRID

BMOBILE:SIMPLEGRID now fully supports editable columns also on small devices.

ROWTABLEAREA2 supports Export to Clipboard and File

In ROWTABLEAREA2, all or just the selected items can now be copied to the clipboard or exported to a file. See *Export to Clipboard and File* in the description of the ROWTABLEAREA2 control grid for further details.

ROWTABLEAREA2 supports Icon Bars

ROWTABLEAREA2 supports the new controls ICONBAR, ICONBARLINE, TOCLIPBOARDICON, TOFILEICON and BLOCKSCROLLINGBAR. See *Icon Bars* in the description of the ROWTABLEAREA2 control grid for further details.

Layout Generation Enhancements

Performance of Layout generation has been improved. Also the analysis of generation errors has been simplified. See *Generating HTML Pages Using the Command Line* and the new attribute `htmlgeneratorlog` in the *Ajax Configuration* section.

Switch off Server Logging

You can now switch off writing log information to the server log. See `loglevel` in the *Ajax Configuration* section.

New Responsive Control BMOBILE:ICONCOL

BMOBILE:SIMPLEGRID now supports icon columns. See BMOBILE:ICONCOL for details.

Responsive Modal Controls

A set of responsive modal controls has been added:

- BMOBILE:INTMODAL,
- BMOBILE:INTMODALHEADER,
- BMOBILE:INTMODALBODY,
- BMOBILE:INTMODALFOOTER.

Icon Support in Responsive Controls

Many responsive controls now support icons as values for `name/nameprop` or as value for other text based properties. For examples see the Natural for Ajax Demos.