

# Atlas 2.12.2

## Release Notes

We are delighted to present Service Pack 2 for Atlas 2.12. This is mainly a bugfix release with a few improvements driven by demands we heard from you.

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## Compatibility Issues

For the implementation of [ATL-1517](#) the Atlas API had to be adjusted. If you are overriding property types it might be necessary to change your code when installing this release.

The methods `DoConvertValueToDisplayText` and `DoConvertDisplayTextToValue` of `TAtPropertyTypeOverride` are changed from

```
function DoConvertValueToDisplayText( const _value: variant;
                                     _formatter: TOpValueFormatter;
                                     const _languageCode: string ): string; override;
function DoConvertDisplayTextToValue( const _text: string;
                                       _formatter: TOpValueFormatter;
                                       const _languageCode: string ): variant; override;
```

to

```
function DoConvertValueToDisplayText( const _value: variant;
                                     _formatter: TOpValueFormatter;
                                     const _displayFormat: string;
                                     const _languageCode: string ): string; override;
function DoConvertDisplayTextToValue( const _text: string;
                                       _formatter: TOpValueFormatter;
                                       const _displayFormat: string;
                                       const _languageCode: string ): variant; override;
```

**⚠ Attention:** The parameter order has been changed to keep parameters of similar topic next to each other. Please be careful when adjusting your code not to hand over a language code to the `_displayFormat` parameter.

## New Features

### Atlas Workbench & Tools

<p><b>Workbench allows to configure supported languages</b> <a href="#">[ATL-1507]</a></p>	<p>If your Atlas project supports different languages than the default (de;en;fr;it) there might be model errors because of missing messages for the default language. Therefore there is a new option to set the supported languages of a project.</p>
<p><b>New parameter for unit generator to update already generated files only</b> <a href="#">[ATL-1473]</a></p>	<p>The command line tool unit generator can be used to generate single units, or all units of a module or a project. With the new parameter <code>updateExistingUnitsOnly</code> only units are generated that already exist. That way it can be ensured that all generated units are up-to-date.</p>

## Improvements

## Atlas Framework

<b>Improved stability of data import</b> [ATL-1500]	The stability of the import function of Atlas' Data Exchange has been improved.
<b>New Literals.ValueOfFmt for parameter replacement in expressions</b> [ATL-1486]	<p>So far you could use Literals.ValueOf and Literals.ValueOfForLanguage to access a literal in an expression. With this release the function Literals.ValueOfFmt can be used to access a literal and fill it with parameters.</p> <pre> validation ValidYear   validIf [[ ( ( CurrentValue &gt;= 1900 ) and               ( CurrentValue &lt;= 3000 )             )            or IsNull( CurrentValue )           ]]   errorMessageExpr     [de] [[ Literals.ValueOfFmt( 'View.CannotStoreToView',                                'Der Text "%s" ist keine gültige Eingabe für                                das Feld %s',                                [ CurrentValue, "Jahr" ] )           ]] end         </pre>
<b>Make default data entry width controllable using custom attribute</b> [ATL-1497]	<p>If the default width of a DataEntry window is unchanged, Atlas looks for the following custom attribute to get the width:</p> <pre> detail XY   custom dataEntryWidth nnn         </pre>
<b>Conversion methods on property type should get DisplayFormat from view property</b> [ATL-1517]	<p>Providing a displayFormat attribute on a view property had no effect at all if the property type of the property was overridden in code. To change this behaviour Atlas hands the displayFormat attribute specified in the view over to the conversion methods ConvertValueToDisplayText and ConvertDisplayTextToValue.</p> <p>⚠ To implement this feature it was necessary to change the Atlas API. Atlas users overriding property types should have a look at the section Compatibility Issues (2 Page 1).</p>
<b>EAtValueConversionError thrown by overridden property type should be handled correctly</b> [ATL-1518]	<p>Throwing a EAtValueConversion in an overridden property makes Atlas showing a user-readable error message as known from other invalid inputs.</p>

## Atlas Workbench & Tools

<b>Use "OutputDebugString" in opDebugLog</b> [ATL-1499]	<p>We've changed the default behavior to output messages logged using WriteLn. All messages are now logged using the debug log facility provided by Windows. This supersedes the Logger application as the messages are sent to the event log of Delphi, if present, or to any tool that catches the debug messages (e.g. DebugView from Sysinternals).</p> <p>The <i>old way</i> of sending the messages to the Logger application is still available (disable the define UseDebugOutput in opDebugLog.pas).</p>
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## Bug Fixes

The following issues are closed with this release:

- [ATL-1512] Normal sub link in temporary link doesn't become temporary
- [ATL-1509] Shortcut doesn't work the first time its used
- [ATL-1508] Columns in search should be at least as wide as the column header content
- [ATL-1506] Combination of mapPhysFieldsByName and mapsToPhysField may fool model parser on multilanguage fields
- [ATL-1505] Troubles when subclassing from TAtBaseSearchWindow
- [ATL-1504] Language code bei PropertyTypes werden nicht übergeben
- [ATL-1501] DescribeParam with MSSQL fails if there is a subquery involved

- [\[ATL-1498\]](#) Jet driver sometimes thinks tables are still empty when this is no longer true
- [\[ATL-1496\]](#) Refresh bei Löschen von Parent und Childsätzen funktioniert nicht richtig
- [\[ATL-1495\]](#) Search: Criteria width is stored with wrong window width -> result list seems to be disappeared
- [\[ATL-1494\]](#) ActionWhenSourceDeleted
- [\[ATL-1493\]](#) CTRL-O: neuen Fall öffnen geht erst nach dem 2.ten mal
- [\[ATL-1491\]](#) Atlas includes unnecessary data in query because of dependency of temporary links
- [\[ATL-1490\]](#) Abbruch der Preview mit schwere Exception
- [\[ATL-1489\]](#) Visibility changes of table columns is not always recognized by the renderer
- [\[ATL-1488\]](#) No default printer found if printer name is very long (more than 50 characters)
- [\[ATL-1485\]](#) Cancel of search isn't working if input is not valid
- [\[ATL-1484\]](#) DefaultExpr doesn't work for custom search
- [\[ATL-1483\]](#) Quicklist position isn't saved
- [\[ATL-1482\]](#) Search sometimes displays no result
- [\[ATL-1481\]](#) Report preview window is no longer maximized
- [\[ATL-1480\]](#) Update Queries: Atlas Query Tool should be able to execute an update query.
- [\[ATL-1479\]](#) CheckValidations on class doesn't find validation defined in same unit
- [\[ATL-1478\]](#) Printer settings on printer categories are not always respected
- [\[ATL-1477\]](#) Preview window of reporter should be maximized
- [\[ATL-1476\]](#) Model parser doesn't recognize restrictsExpr
- [\[ATL-1475\]](#) If model contains literals for a unsupported language default language is overwritten
- [\[ATL-1474\]](#) Resolving input doesn't work anymore (i.e. 31.3. is no more accepted as a legal date)
- [\[ATL-1436\]](#) Test Developer Tools with User rights