



The Future Starts NOW  
Omnis Studio Now:

ODC 2024, Birgit Jäger



“Innovations only favour those who are prepared for them.”

Louis Pasteur

# Why Omnis Studio Now?

## The Need for Speed

- Importance of speed in today's competitive software market
- Need for faster access to new features and bug fixes
- Developers are facing serious challenges with traditional release cycles of development environments

# Why Omnis Studio Now?

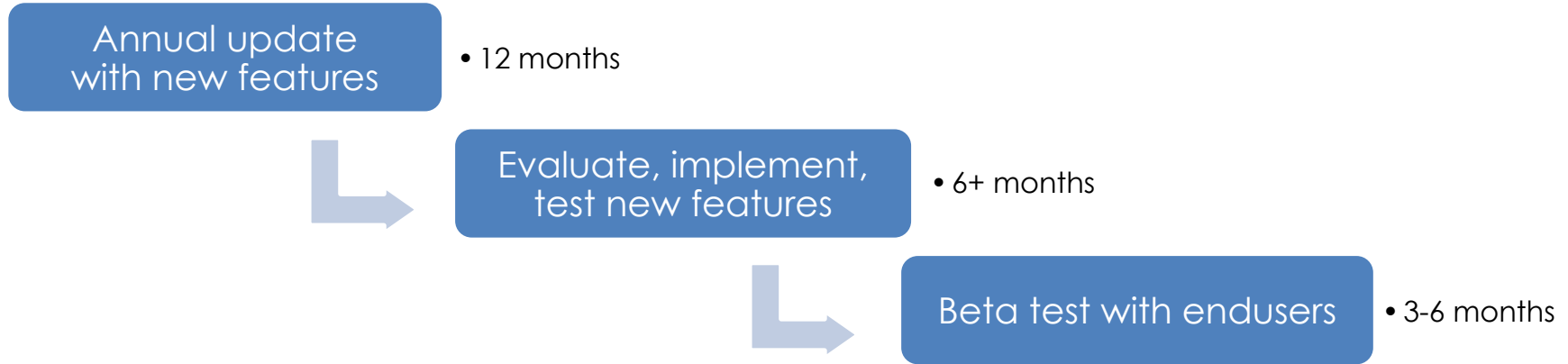
# Why Omnis Studio Now?

## The Omnis Studio Release Cycle

- > **Major upgrades approx. every 3 years** (e.g. v10.x to v11.x)  
Many important new features, support of new technology etc.  
free for customers on RMA, chargeable for customers with and without ODPP
- > **Minor updates approx. once a year** (e.g. v11.0 to v11.1)  
Many new features  
free for customers on RMA + customers on ODPP, chargeable for customers outside ODPP
- > **Patch Releases when needed**, approx. every 3 – 5 months  
Mainly bug fixes and a few small enhancements  
free for all customers with and without RMA and ODPP

# Why Omnis Studio Now?

## The Need for Speed



- This means: It takes in average 2+ years from completing a new feature in Omnis Studio to implementing it in your apps and providing it to the market/to endusers!

# What is Omnis Studio Now?

## Main Purpose

For customer applications:

- Plan and prepare your
  - next individual project
  - next scheduled release of your app in your release cycle
- Not: rushing a new feature out to your customers immediately each time!

# Why Omnis Studio Now?

## Main Purpose

For internal applications:

- Plan and prepare for the future, for the next scheduled release of your app in your release cycle
- But: (based on an efficient test management) you can roll out updates and provide new features sooner and more often



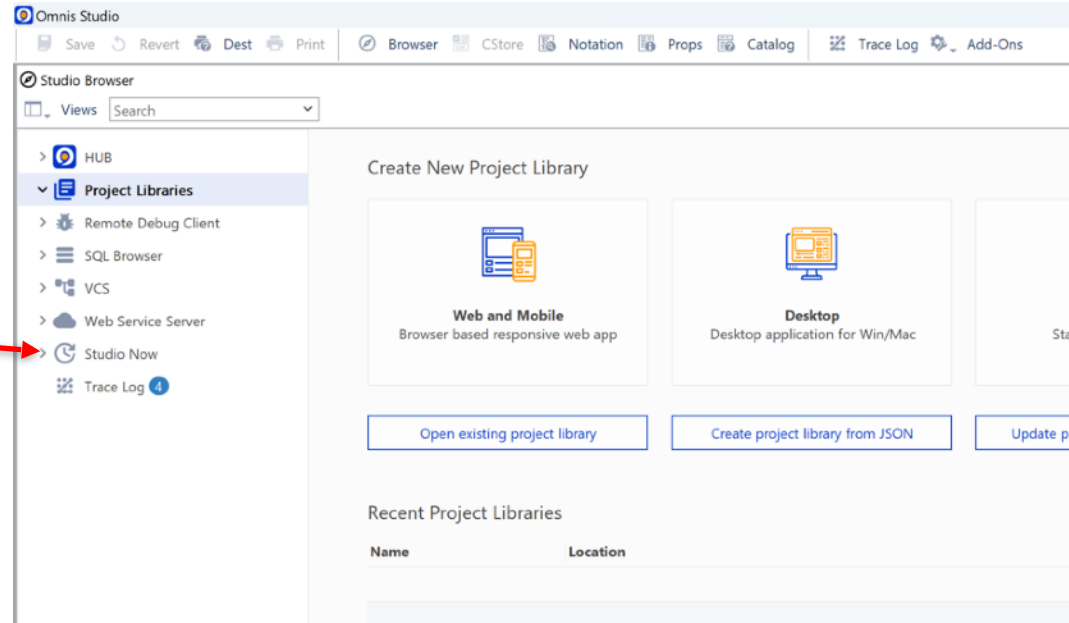
The background is a solid blue color with several diagonal stripes of varying shades of blue, creating a sense of depth and movement. A single, thin white line runs diagonally across the upper left portion of the image.

**How does it work?**

# What is Omnis Studio Now?

## How does it work?

- Developers qualified for this service receive a special **Studio Now developer serial number** which provides access to Omnis Studio
- Please note: Rolling out requires a **Studio Now runtime/client license serial number**, too



# What is Omnis Studio Now?

## How does it work?

- New Studio Now release each month
- List of bug fixes, enhancements and new features provided in each release
- Downloadable files for different platforms

The screenshot displays the Omnis Studio interface. The left sidebar shows a navigation menu with 'Studio Now' selected. The main area is titled 'Studio Now' and shows the current revision as 36849. Below this is a table of revisions:

Rev	Date
36849	16.04.2024
36251	06.03.2024
35925	07.12.2023

To the right of the revision table is a 'Search Changes' section showing 84 changes. Below this is a table of fault references and descriptions:

Fault Ref	Description
ST/*A/172	Session pool naming restriction
ST/*L/032	Studio 8.1 Mac - SQL browser - SQLite with FTS
ST/*O/205	Oracle8 causes a hang in Omnis when there is one column of data type char with a
ST/*V/159	MySQL DAM crash on \$logoff() using libmysqlclient23.dylib
ST/AD/312	DML Emulator: Build list from file with Search calculation fails
ST/AD/314	DML Emulation: Set main file in Reversible block issue with Timers

At the bottom of the interface, there is a 'Files' section listing downloadable files for various platforms and components, such as 'Omnis-Studio-Now-11.1-36849-x64-Installer.zip' and 'Omnis-Studio-Now-App-Server-11.1-36849-x64-Installer.zip'.

# What is Omnis Studio Now?

## How does it work?

- Lists the revision number
- Shows the number of 'changes' (innovations)
- Search for bug/ER numbers
- Icon indicates available documentation

The screenshot displays the Omnis Studio interface. The 'Studio Browser' window is open, showing a navigation pane on the left with 'Studio Now' selected. The main area is divided into three sections:

- Current Revision:** A table with columns 'Rev' and 'Date'. The current revision is 36849, dated 16.04.2024. Other revisions shown are 36251 (06.03.2024) and 35925 (07.12.2023).
- Search Changes:** A search bar with the text '84 changes' and a magnifying glass icon.
- Search Results:** A table with columns 'Fault Ref' and 'Description'. The results include:
  - ST/EC/1864: printing PDF from preview causes rectangle to appear at bottom of the page
  - ST/EM/237: limitation of evBusy and evIdle to track incomin traffic to the server
  - ST/FR/175: Find&Replace window opens as a modal window when using the Standard menu cc
  - ST/FU/719: Enhancement Request: To be able to select multiple files in FileOps.Sggetfilename di
  - ST/HE/1997: Add Support for PDF/UA and provide ability for the use of Accessibility readers.
  - ST/HE/2002: ER - to strip thousand separators from numbers on paste

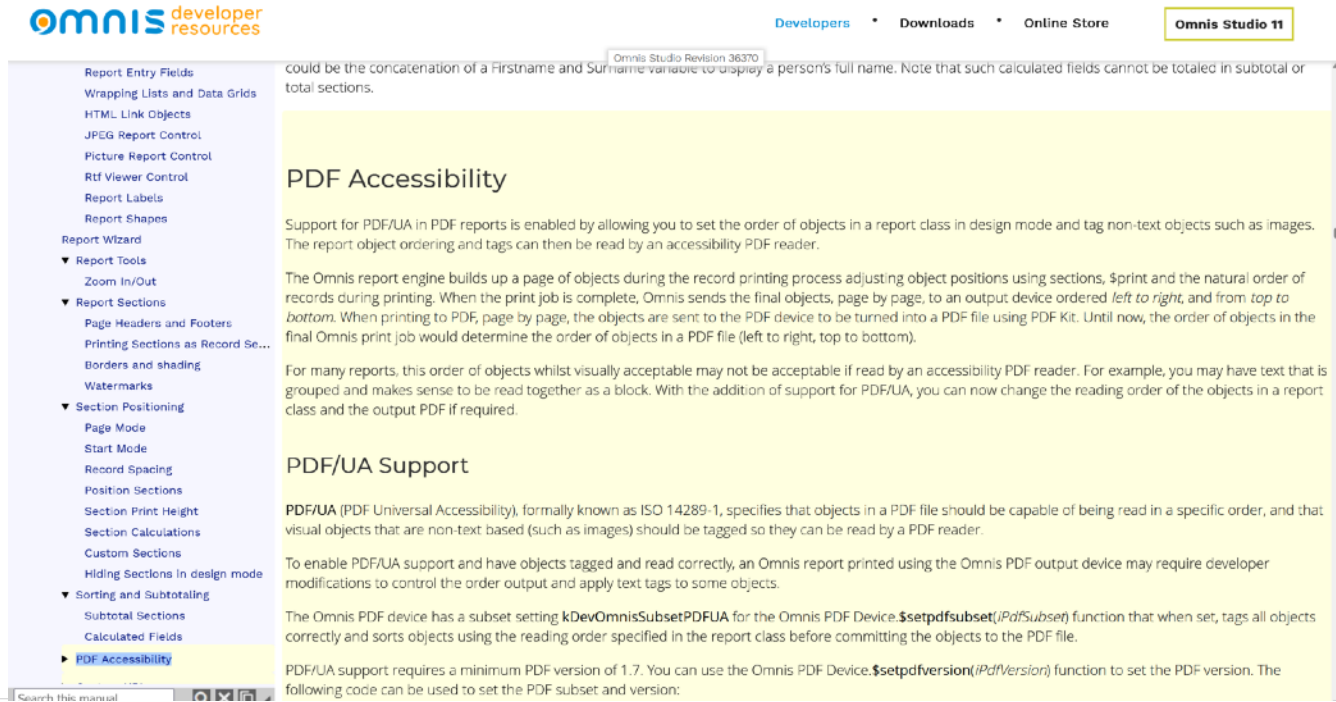
At the bottom, there is a 'Files' section listing various installation and runtime files, such as 'Omnis-Studio-Now-11.1-36849-x64-Installer.zip' and 'Windows-SDK-11.1-36849-x64.zip'.

Red arrows point from the text in the list on the left to the 'Current Revision' table and the 'Search Changes' section in the screenshot.

# What is Omnis Studio Now?

## How does it work?

- Click on an item with this icon jumps directly to Studio docs
- Where the respective topic is highlighted in yellow



The screenshot shows the Omnis Studio developer resources website. The navigation menu on the left includes sections like 'Report Entry Fields', 'Report Wizard', 'Report Sections', and 'Section Positioning'. The 'PDF Accessibility' item is highlighted in yellow. The main content area displays the 'PDF Accessibility' section, which includes text about PDF/UA support and code snippets for setting PDF subset and version.

omnis developer resources

Developers • Downloads • Online Store

Omnis Studio 11

Omnis Studio Revision 36370

could be the concatenation of a Firstname and Surname variable to display a person's full name. Note that such calculated fields cannot be totaled in subtotal or total sections.

### PDF Accessibility

Support for PDF/UA in PDF reports is enabled by allowing you to set the order of objects in a report class in design mode and tag non-text objects such as images. The report object ordering and tags can then be read by an accessibility PDF reader.

The Omnis report engine builds up a page of objects during the record printing process adjusting object positions using sections, \$print and the natural order of records during printing. When the print job is complete, Omnis sends the final objects, page by page, to an output device ordered *left to right*, and from *top to bottom*. When printing to PDF, page by page, the objects are sent to the PDF device to be turned into a PDF file using PDF Kit. Until now, the order of objects in the final Omnis print job would determine the order of objects in a PDF file (left to right, top to bottom).

For many reports, this order of objects whilst visually acceptable may not be acceptable if read by an accessibility PDF reader. For example, you may have text that is grouped and makes sense to be read together as a block. With the addition of support for PDF/UA, you can now change the reading order of the objects in a report class and the output PDF if required.

### PDF/UA Support

**PDF/UA** (PDF Universal Accessibility), formally known as ISO 14289-1, specifies that objects in a PDF file should be capable of being read in a specific order, and that visual objects that are non-text based (such as images) should be tagged so they can be read by a PDF reader.

To enable PDF/UA support and have objects tagged and read correctly, an Omnis report printed using the Omnis PDF output device may require developer modifications to control the order output and apply text tags to some objects.

The Omnis PDF device has a subset setting `kDevOmnisSubsetPDFUA` for the Omnis PDF Device `$setpdfsubset(PDFSubset)` function that when set, tags all objects correctly and sorts objects using the reading order specified in the report class before committing the objects to the PDF file.

PDF/UA support requires a minimum PDF version of 1.7. You can use the Omnis PDF Device `$setpdfversion(PDFVersion)` function to set the PDF version. The following code can be used to set the PDF subset and version:

# What is Omnis Studio Now?

## How does it work?

Enhanced:

- Studio external components work with Studio Now

**Who has got  
access to  
Studio Now?**

# Who has got access to Omnis Studio Now?

- > Every Studio customer with all his active client licenses on Runtime Maintenance (RMA)



# Omnis Runtime Maintenance (RMA) Benefits

- Calculate + budget with a fixed RMA service amount each year
- Include the RMA costs in your maintenance charges to your clients
- Migrate all customers at once as there are no extra costs
- No need to explain Omnis technology and release information to your customers
- Saves high costs for parallel support of different releases

and:

✓ [Have access to Omnis Studio Now!](#)

# Omnis Runtime Maintenance (RMA)

## How it works, what it costs

- Available for ODPP customers only
- RMA minimum term 3 years;  
thereafter automatic renewal for another 12 months, unless cancelled
- Price: 20 % of your individual licence purchase price  
(i.e. incl. ODPP and, if applicable, volume discount)  
per year
- RMA fees can be paid either annually or per quarter

# Omnis Studio Now

## Summary

- Immediate access to bug fixes
- Immediate access to new features
- Temporal advantage of 2+ years
- Planning security
- Much shorter time to market