



AUSOUG
Virtual Connect 2020
Beyond Boundaries

10th November 2020
7.30 PM AEDT



Getting Insight into your Oracle APEX Apps

Dimitri Gielis

Development / APEX Day Series

Event Partners



Dimitri in Leuven, Belgium



Dimitri Gielis Blog (Oracle Application Express - APEX)

I created this Blog to share my knowledge especially in Oracle Application Express (APEX) and my feelings ...

TUESDAY, SEPTEMBER 17, 2019

Best and Cheapest Oracle APEX hosting: Free Oracle Cloud

I really have to write about the [Oracle Cloud Free Tier](#) as it's the third time in my career I've been blown away by Oracle.

The first time was when I first saw and worked with the [Oracle Database](#), the second time when I saw HTMLDB (now [APEX](#)) and today, again, with the announcement of the [Free Autonomous Oracle Cloud](#).

The Free Oracle Tier is a hardcore smackdown on any other cloud offering which includes a virtual machine, database, and development environment!



The Free Oracle Cloud was announced by Andy Mendelsohn at Oracle Open World 2019. You get a free Oracle Autonomous Database, 2 Virtual Machines (Compute), Storage and other services:

My next public appearances:

- [Oracle Open World: 6/9-OCT-2020](#)

About Me



 [Dimitri Gielis](#)

Passionate about bringing ideas to life with code. Founder and CEO of [United Codes](#) and [APEX R&D](#). Loves the Oracle Database and Oracle Application Express (APEX).

 [View my complete profile](#)



Inventor of products: AOP & AME

Need to export to PDF, Excel, HTML, ... or print data in the Oracle database and APEX?

Check out [APEX Office Print \(AOP\)](#).



Dimitri

- CEO and Founder of  [united codes](#).
- Oracle ACE Director
- APEX Developer of the year 2009 by Oracle Magazine
- Oracle Developer Choice award (ORDS) in 2015
- Member of year apex.world 2019
- Author Expert Oracle APEX
- Twitter: @dgielis
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- Blog: dgielis.blogspot.com



APEX Office Print



APEX Project Eye



united codes[®]



APEX Media Extension

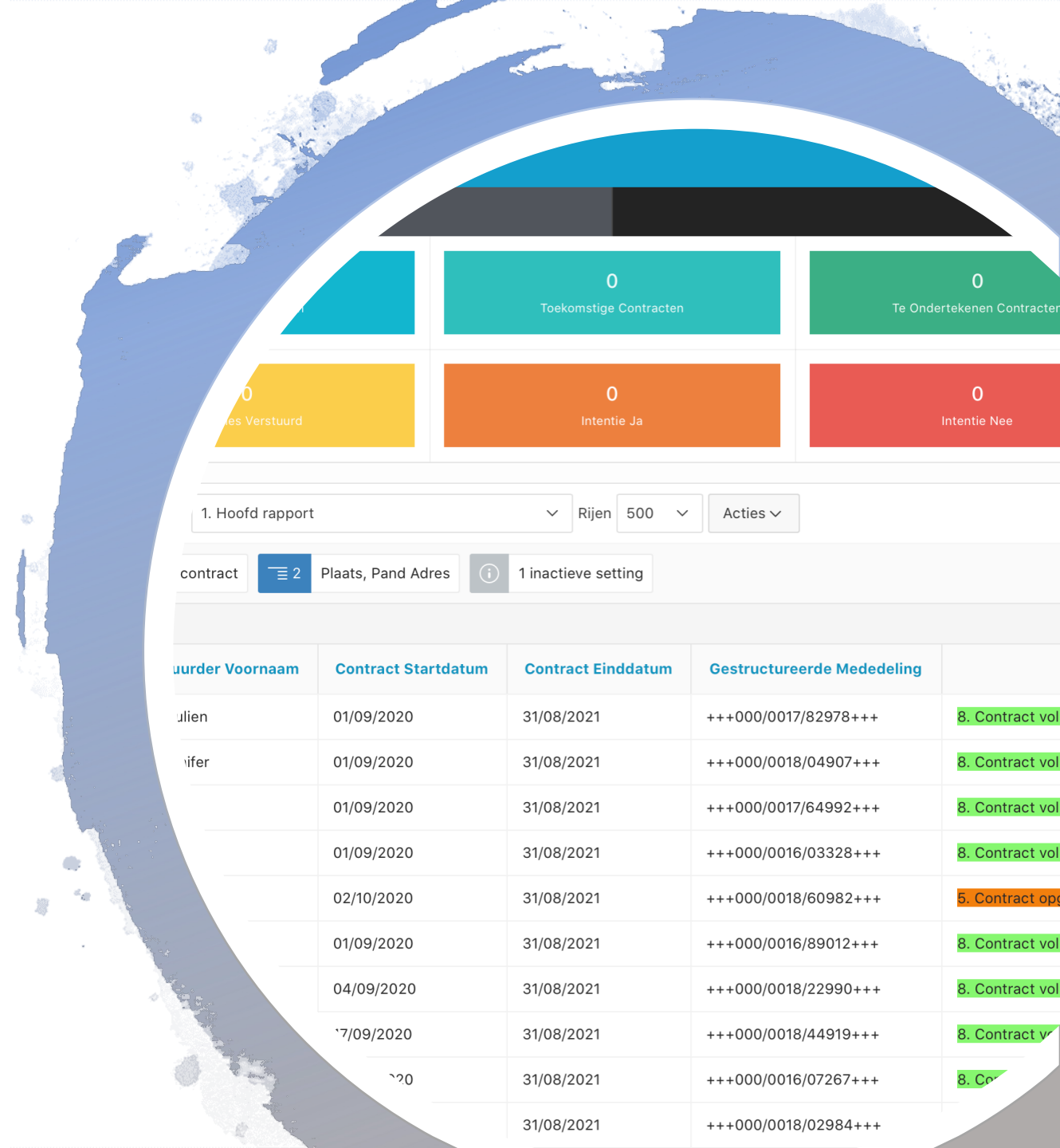


Plug-ins Pro

Lets start with
some questions
😊



How is an Oracle APEX application being used?



Are people
experiencing
issues?



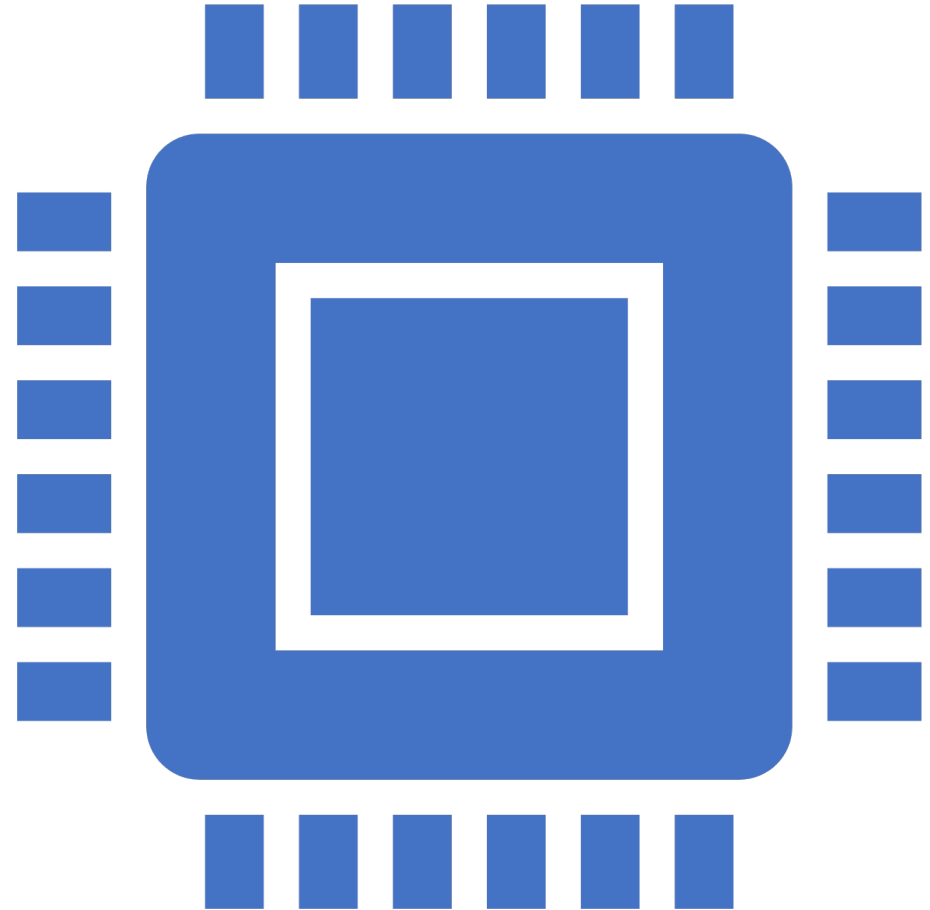
What is causing the errors?





How is the
performance?

How is this
application
built?



If I touch this
object, will my
app break?

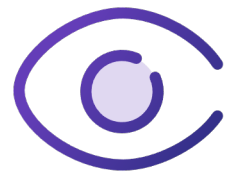




Where can I find
documentation?

Solution: APEX Project Eye

apexprojecteye.com



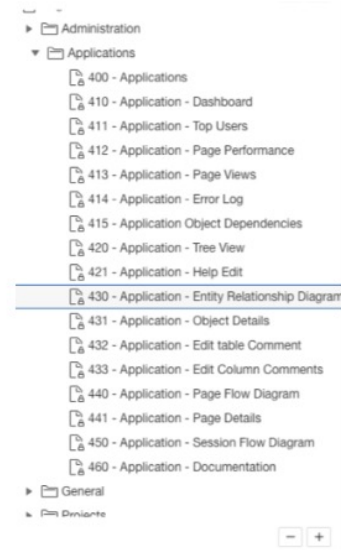
APEX Project Eye

Welcome to APE Live Insight



Live Insight

Our Live Insight feature turns APE into your second screen. Bringing you real-time insight into your application as you develop. As you navigate the application builder, APEX Project Eye follows along, showing you all the relevant information for the page you are working on. Without navigating to any other page, you can see Object Dependencies, Page Links, Page performance statistics and errors.



430 - Application - Entity Relationship Diagram

Page Help

Entity Relationship Diagram creates an interactive diagram of the database scheme used to develop the application. You can navigate it and understand it better.

Double clicking any node, will provide more information on that object.

Filters

- Scheme: choose any scheme accessible by your application (APE needs permission to access the scheme).
- Object Type: can render Tables or Views
- Constraint Type: select the constraint type you want to include on the diagram
- Highlight object: choose any object from the list to highlight on the diagram

Zoom

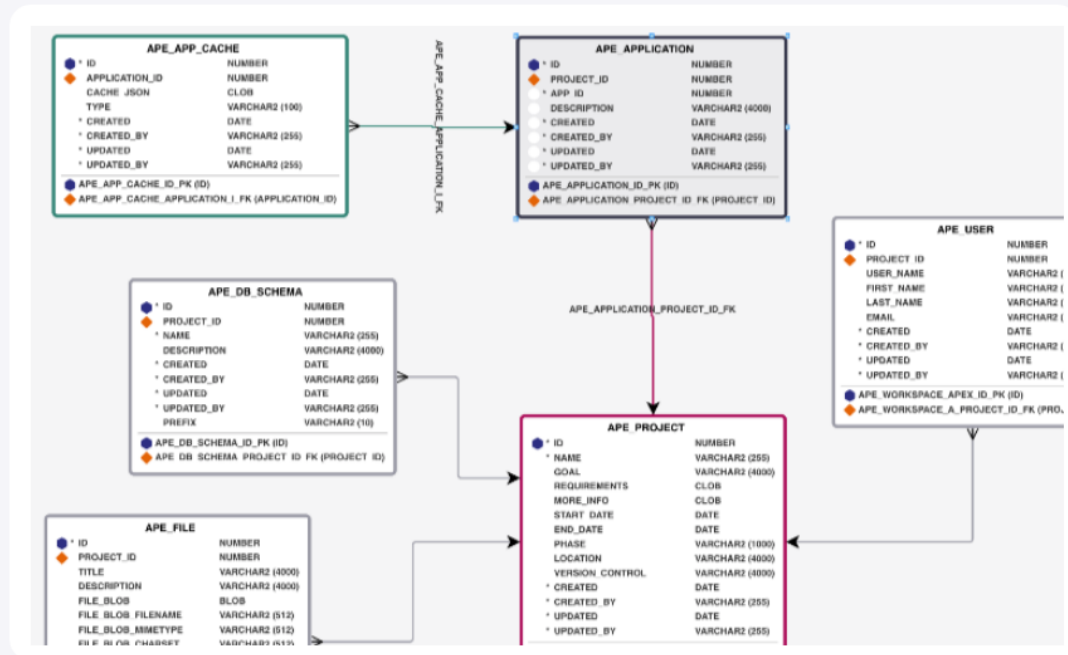
Use the + and - buttons to navigate the diagram. Or the fit button to reset the diagram.

Tools

Print the diagram to a vector file or reload data

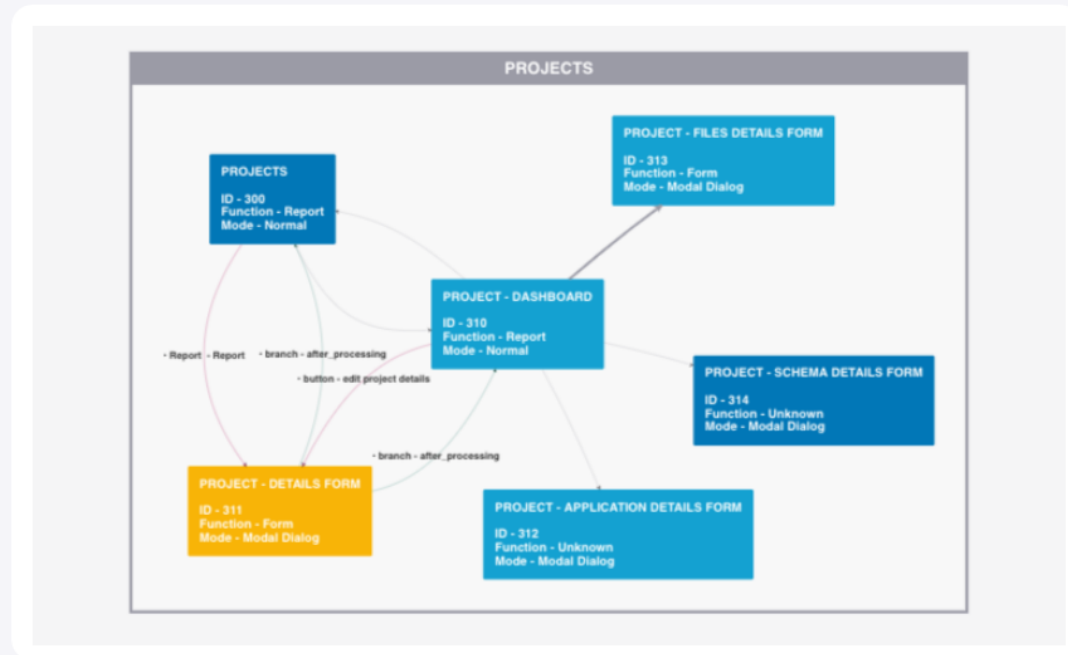
Automatic Documentation Generation

Use our set of easy-to-follow guidelines for writing inline comments in your PL/SQL, APEX, and database object code and APE will generate a set of complete documentation at the press of a button. Never worry about outdated documentation again! Automatic documentation feature is available with a valid APEX Office Print license (sold separately).



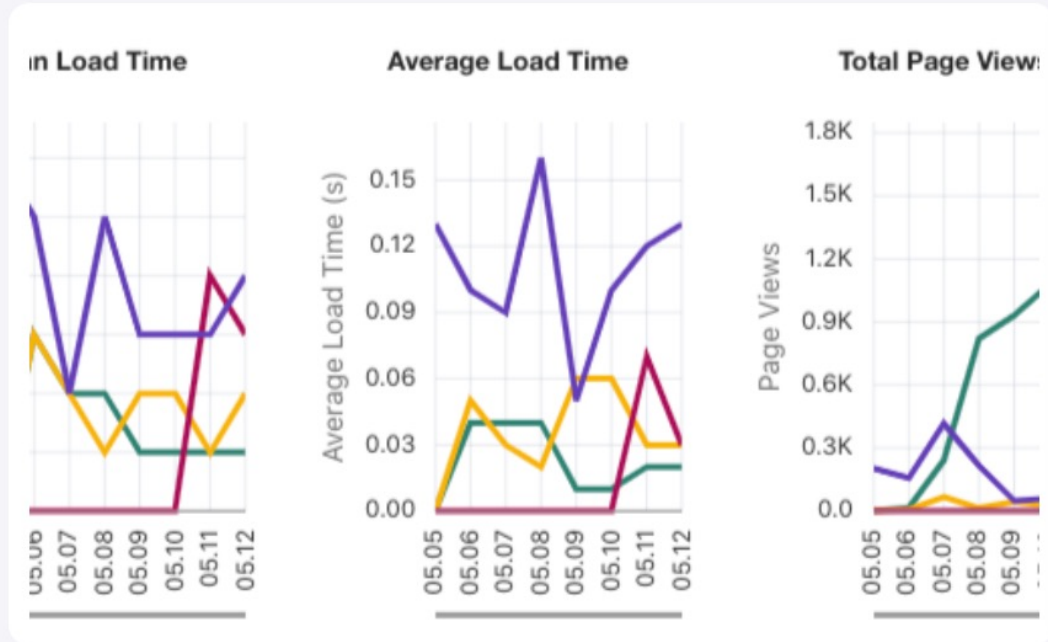
Interactive Entity Relationship Diagram

Know exactly what database objects are used by your project/application. Filter the results by table prefix to see a subset of your tables. Drag tables however you choose and export the diagram to be included in documentation, if desired. Single clicking on a table highlights and labels all inbound and outbound links so that relationships are clearly visible. Double clicking a table displays all references to the object within the



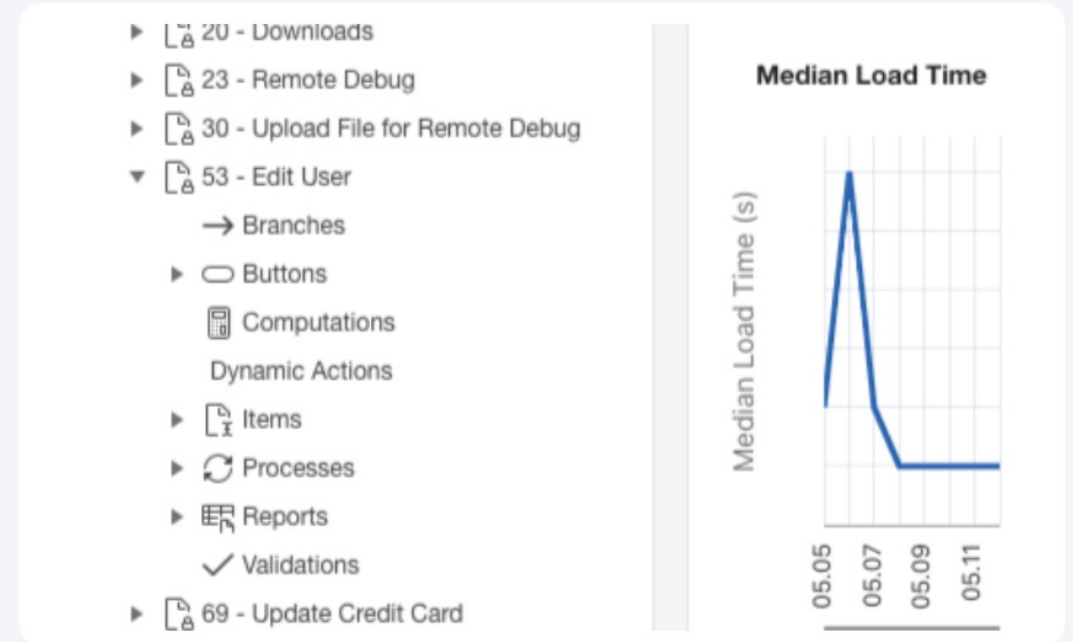
Interactive Page Flow Diagram

Never get lost in your application again! Know exactly how to navigate to any page with our interactive page flow diagram. Filter the results by page group, authorization scheme, and link types to get exactly the view of the application you are looking for. Drag to rearrange the layout and export your diagram to include in other documents or references. Click on any page to highlight and label inbound and outbound links for easy viewing.



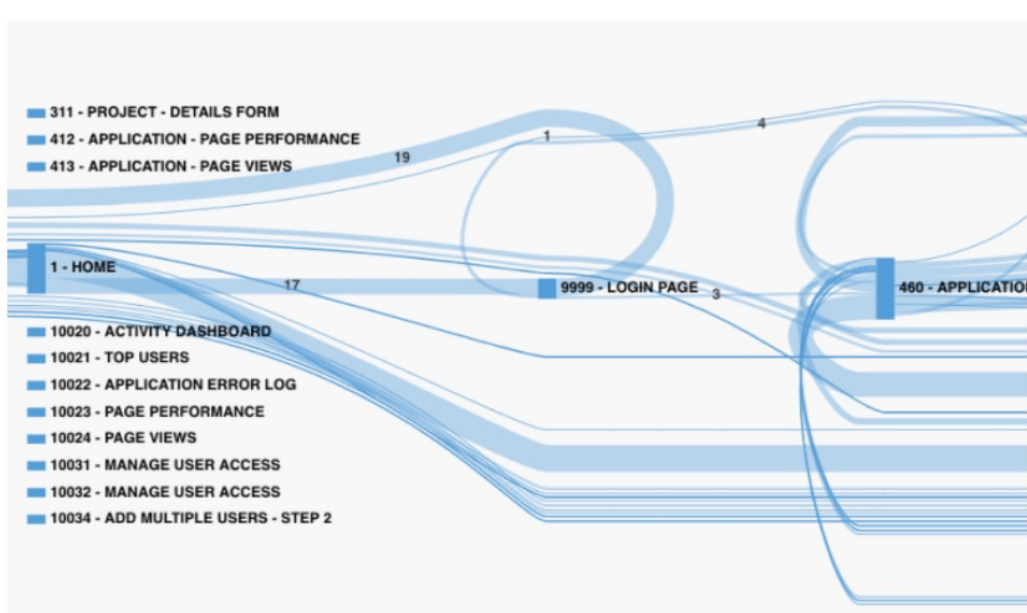
Application/Project Dashboard

Get a cockpit style view of the usage and performance of your projects and applications in a sleek, graphical way. With all of the information at your fingertips, you can easily dive into and monitor page events, user activity, top pages, errors, performance, and database object dependency.



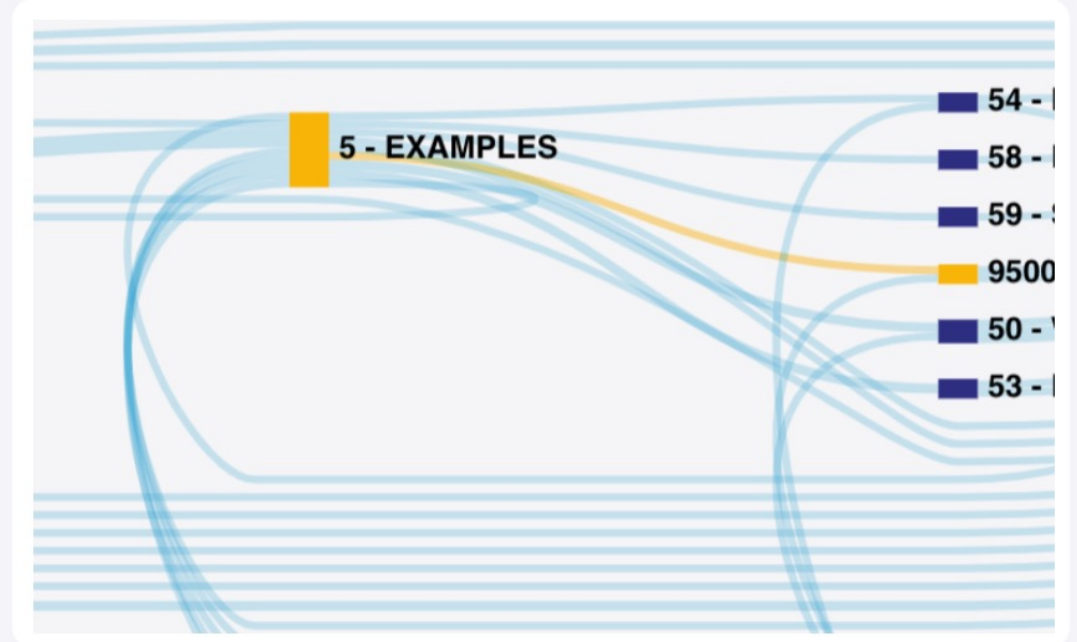
Application/Project Tree View

Take a quick stroll through your application using our Tree View. All pages are conveniently grouped and displayed for easy access. By selecting a page, you can get a quick overview of exactly what is implemented on the page, you can even add or edit page level help text. See what components exist on the page as well as the security settings and database objects that are being used.



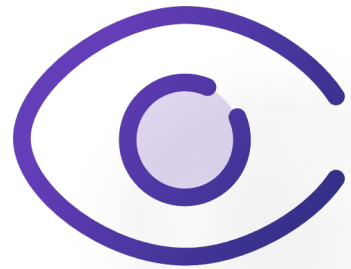
Interactive Session Flow Diagram

Know exactly how your users traverse your project/application. Filter the session window by date range or even a specific timeframe. The resulting diagram depicts the flow of your application. Thicker lines are the most frequently used pathways. Gain real inside information as to what pages your users are actually using.



Session Replay

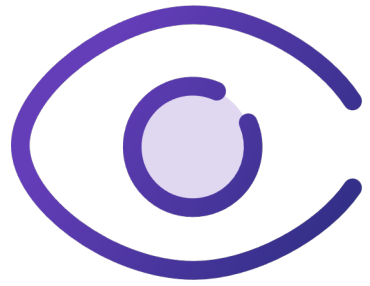
Have a user with an issue you can't solve? Want to see exactly what happened before the error? Are you just curious how the application/project is being used? Replay the session! Sessions can be replayed visually on the Session Flow diagram. Just select the session in question and step through all the moves the user has made. The path of the session is highlighted on the screen and details about each step are displayed for easy debugging.



APEX Project Eye

Demo

apexprojecteye.com



APEX Project Eye

Questions?

apexofficeprint.com