

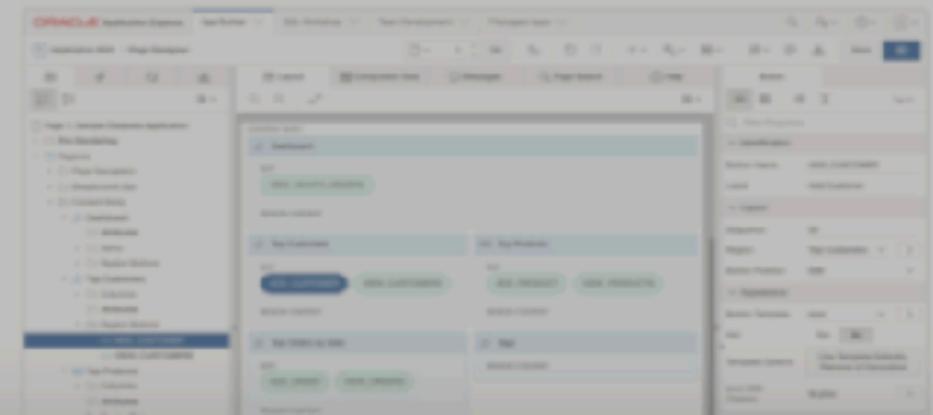
ORACLE®

Application Express 5.1 ... and beyond ...

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Oracle Application Express enables you to design, develop and deploy beautiful, responsive, database-driven applications using only your web browser. See how you can take advantage of this fully-supported,





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- Works for Oracle in Germany since 2001, based in Munich
- Member of the APEX development team since 2016

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<http://sql-plsql-de.blogspot.com>

Safe Harbor Statement

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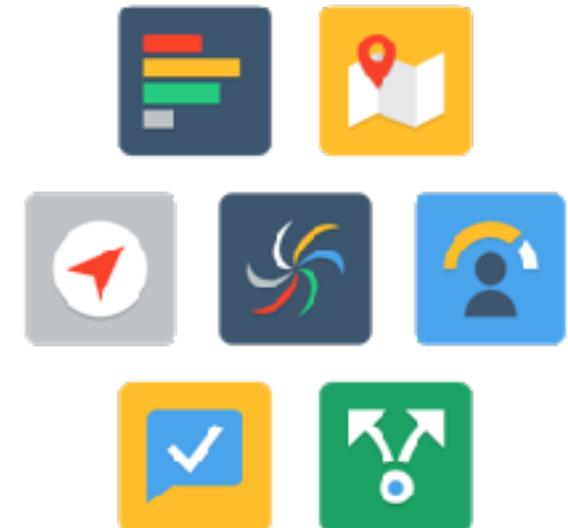
APEX 5.1.3

available now!

otn.oracle.com/apex

Oracle Application Express - Packaged Applications

- Comprehensive suite of Productivity Applications included since 2012 (APEX 4.2).
- Productivity Applications are supported by Oracle and can be upgraded.
- Unlock to learn more about implementation, best practices and to customize and adapt to your business's needs.
- Wide selection of Sample Application designed to showcase various features of Application Express, incl. Interactive Grid, JET Charts, Dynamic Actions, Master-Detail, RESTful Web Services.



Oracle Application Express - Packaged Applications

The screenshot displays the Oracle Application Express interface for 'Packaged Apps'. The top navigation bar includes 'ORACLE Application Express', 'App Builder', 'SQL Workshop', 'Team Development', and 'Packaged Apps'. A search bar and filter tabs ('All', 'Productivity', 'Sample', 'Installed') are visible. The main area shows a grid of 21 applications, each with an icon, name, category, and installation status.

Application Name	Category	Installation Status
APEX Application Archive	Software Development	Installed
Application Standards Tracker	Tracking, Knowledge Management	Not Installed
Bug Tracking	Software Development, Tracking	Installed
Checklist Manager	Tracking, Team Productivity	Installed
Community Requests	Software Development, Community	Not Installed
Competitive Analysis	Marketing	Not Installed
Customer Tracker	Tracking, Marketing	Installed
Data Reporter	Knowledge Management, Tracking, Project Management	Not Installed
Decision Manager	Team Productivity, Tracking	Installed
Expertise Tracker	Tracking, Knowledge Management	Not Installed
Feedback	Software Development	Not Installed
Group Calendar	Team Productivity	Installed
Incident Tracking	Software Development, IT Management	Not Installed
Live Poll	Marketing, Tracking	Installed
Meeting Minutes	Tracking, Team Productivity	Installed
Opportunity Tracker	Tracking, Team Productivity	Not Installed
P-Track	Project Management, Team Productivity, Tracking	Installed
Quick SQL	Software Development	Installed
REST Client Assistant	IT Management, Software Development	Installed
Script Planner	Tracking	Not Installed
Survey Builder	Knowledge Management, Marketing, Tracking	Installed

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Oracle Application Express - Packaged Applications

ORACLE Application Express App Finder OCI Worksheet Item Development Packaged Apps

Search Apps All Productivity **Sample** Installed Administration

- Breakout Sample Application (Sample Application)
- Sample Collections (Sample Application)
- Sample Dialog (Sample Application)
- Sample Location Showcase (Sample Application)
- Sample Projects (Sample Application)
- Sample Trees (Sample Application)
- Universal Home Sample Application (Sample Application)
- Sample Calendar (Sample Application)
- Sample Data Loading (Sample Application)
- Sample Dynamic Actions (Sample Application)
- Sample Interactive Grids (Sample Application)
- Sample HRSI Services (Sample Application)
- Sample Webaset - AnyCo II Department (Sample Worksheet)
- Sample Charts (Sample Application)
- Sample Database Application (Sample Application)
- Sample File Upload and Download (Sample Application)
- Sample Master Detail (Sample Application)
- Sample Reporting (Sample Application)
- Sample Worksheet Application - Big Cuts (Sample Worksheet)

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Demo

Interactive Grid - Oracle TEXT

Demo

Interactive Grid - without a table

PL/SQL Packages in APEX 5.1

- Are you already using ...?
 - APEX_STRING (working with Strings made super-easy) ...?
 - APEX_ESCAPE
 - APEX_JSON
 - APEX_THEME (you can set theme styles dynamically!)

APEX_STRING

4: Value 4

For me, the coolest function within APEX_STRING is GREP, which extracts substrings based on regular expressions, but which returns an array instead of a single string. Here's an example, which extracts all email addresses from a string (the regular expression to match email addresses is a very simple one):

```
select * from table( apex_string.grep(
  'This is a text with some mail addresses. The first one is a.a@oracle.com, we have ' ||
  'noname@company.com and thesupport@firma.de',
  '[A-Z0-9._@+-]*@[A-Z0-9.-]*\.[A-Z]*',
  'i'
));
```

COLUMN_VALUE

```
-----
a.a@oracle.com
noname@company.com
thesupport@firma.de
```

Having all matches in an array instead of a string makes post-processing a lot easier.

Finally, we'll show the JOIN function as the counterpart to SPLIT, which we introduced at the beginning of the posting. So we came full circle.

<http://sql-plsql-de.blogspot.de/2017/01/string-operationen-leicht-gemacht-mit.html>

APEX 5.2

Statement of Direction

<http://www.oracle.com/technetwork/developer-tools/apex/application-express/apex-sod-087560.html>

Demo

Application Express 5.2
Create Application Wizard
Spotlight Search



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Integrated Cloud

Applications & Platform Services