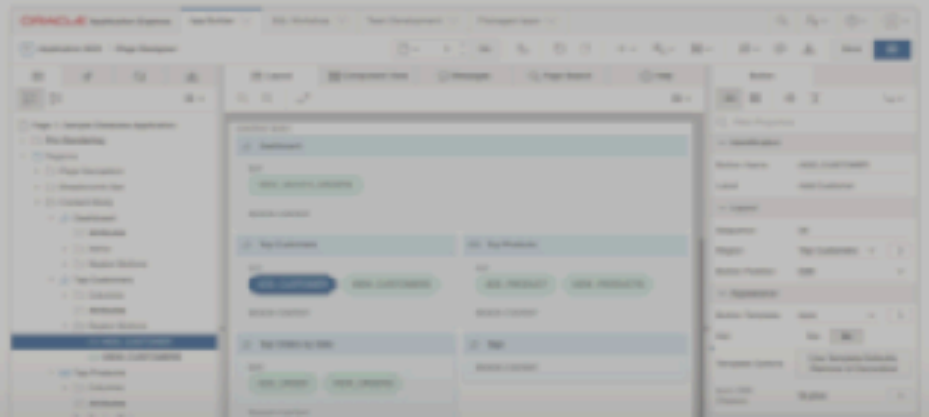
ORACLE®

Application Express 5.1 … and beyond …

Carsten Czarski
Consulting Member of technical Staff
Munich, Germany



Carsten Czarski

Consulting Member of technical Staff

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

- Twitter: **@cczarski**
- APEX on Twitter: **#ORCLAPEX**
- Blogs:
  http://blogs.oracle.com/apexcommunity_deutsch
  http://sql-plsql-de.blogspot.com

ORACLE

Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

APEX 5.1.3

available now!

otn.oracle.com/apex

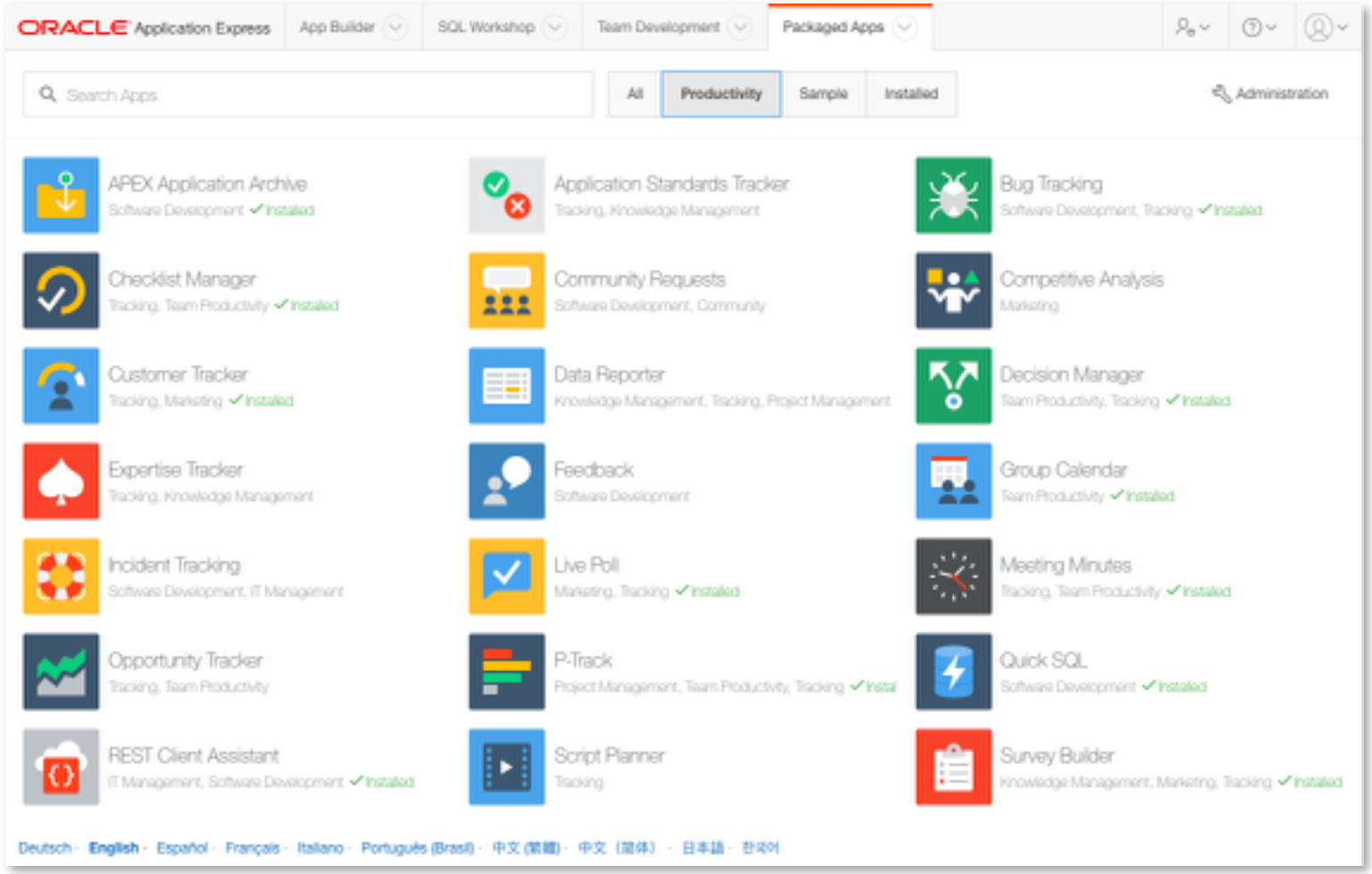
ORACLE

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.

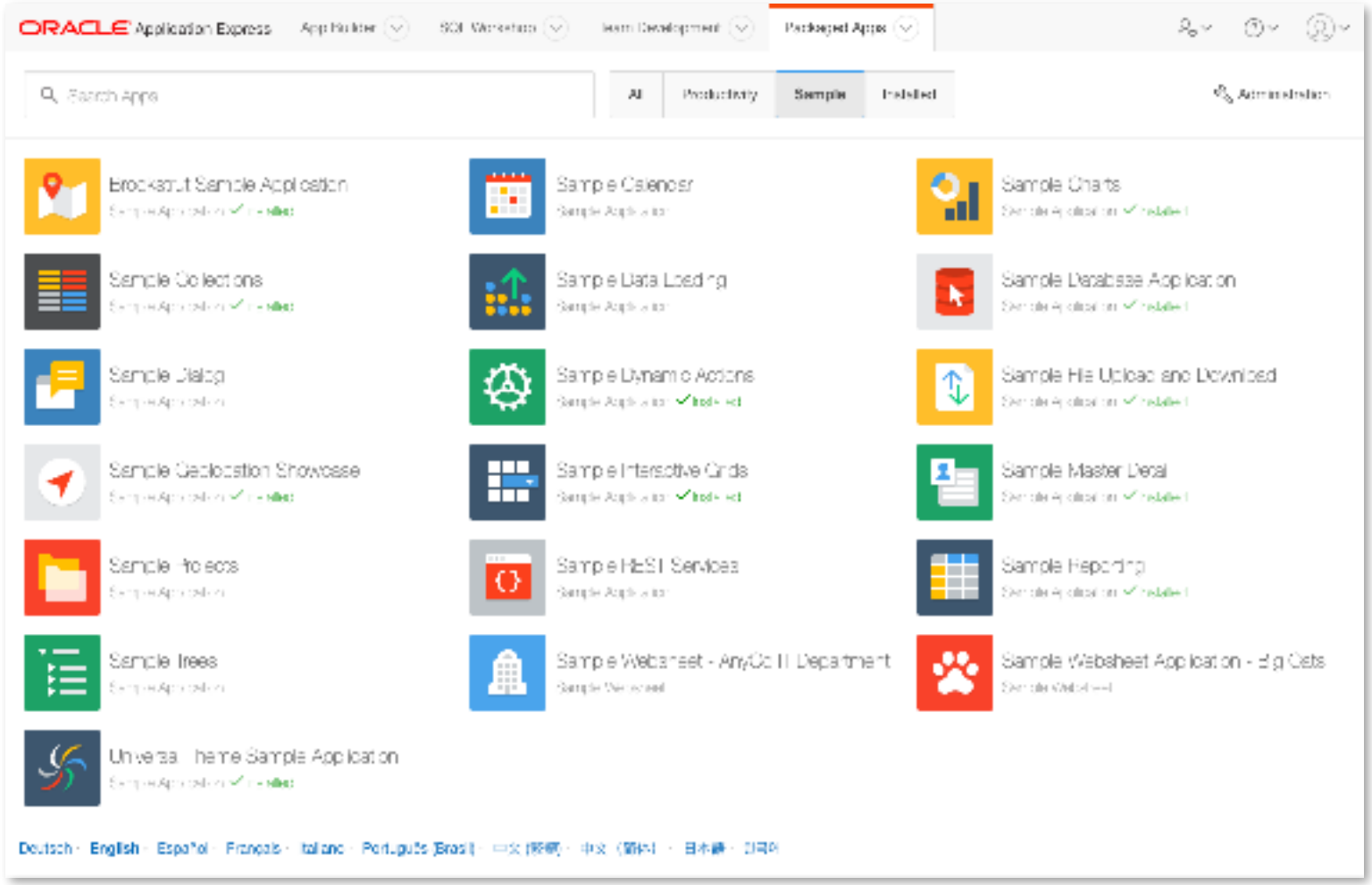
ORACLE

Oracle Application Express - Packaged Applications



ORACLE

Oracle Application Express - Packaged Applications



ORACLE

Demo

Interactive Grid - Oracle TEXT

ORACLE

Demo

Interactive Grid - without a table

ORACLE

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 adresses. 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

ORACLE

APEX 5.2

Statement of Direction

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

ORACLE

Demo

Application Express 5.2
Create Application Wizard
Spotlight Search

ORACLE

Carsten.Czarski@oracle.com

http://blogs.oracle.com/apexcommunity_deutsch
http://sql-plsql-de.blogspot.com
http://plsqlexecoscomm.sourceforge.net
http://plsqlmailclient.sourceforge.net

Twitter: @cczarski

Copyright © 2014 Oracle and/or its affiliates. All rights reserved. |

Integrated Cloud

Applications & Platform Services

ORACLE