

1. Record Nr.	UNINA9910822325503321
Autore	Siegel Christian
Titolo	High temperature polymer electrolyte membrane fuel cells : modeling, simulation, and segmented measurements // Christian Siegel
Pubbl/distr/stampa	Berlin : , : Logos Verlag, , [2015] ©2015
ISBN	3-8325-9868-5
Descrizione fisica	1 online resource (182 pages)
Disciplina	621.312429
Soggetti	Proton exchange membrane fuel cells - Reliability
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	PublicationDate: 20150320
Sommario/riassunto	<p>Long description: A three-dimensional computational fluid dynamics model of a high temperature polymer electrolyte membrane fuel cell, employing a high temperature stable polybenzimidazole membrane electrode assembly doped with phosphoric acid, was developed and implemented using a commercially available finite element software. Three types of flow-fields were modeled and simulated. Selected simulation results at reference operating conditions were compared to the performance curves and to segmented solid-phase temperature and current density measurements. For the segmented measurements, an inhouse developed prototype cell was designed and manufactured. The segmented cell was successfully operated and the solid-phase temperature and the current density distribution were recorded, evaluated, and discussed. Sequentially scanned segmented electrochemical impedance spectroscopy measurements were performed to qualitatively support the observed trends. These measurements were used to identify and determine the causes of the inhomogeneous current density distributions. An equivalent circuit model was developed, the obtained spectra were analyzed, and the model parameters discussed. This work helps to provide a better understanding of the internal behaviour of a running high temperature polymer electrolyte membrane fuel cell and presents valuable data for</p>

modeling and simulation. For large fuel cells and complete fuel cell stacks in particular, well designed anode and cathode inlet and outlet sections are expected to aid in achieving flatter quantities distributions and in preventing hot spots over the membrane electrode assembly area, and to develop proper start-up, shut-down, and tempering concepts.

2. Record Nr.	UNINA9910966331403321
Autore	Goodey Paul
Titolo	Salesforce CRM admin cookbook / / Paul Goodey
Pubbl/distr/stampa	Birmingham, UK, : Packt Publishing, 2013
ISBN	9781299441132 1299441130 9781849684255 1849684251
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (266 p.)
Disciplina	005.72
Soggetti	Salesforce (Online service) Marketing - Management - Data processing Customer relations - Management - Data processing Sales management - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; Acknowledgement; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Working with Home Page Components and Custom Links; Introduction; Creating a Personal Setup link using the standard Custom Links on the sidebar; Using Custom Links to open Training in a new window from the sidebar; Creating a news-ticker message on the Home Page; Automatically collapsing Chatter feeds on the home page; Removing Chatter feeds on the home page; Adding a Send An Email button on the Home Page Showing Opportunity Sales Stages descriptions on the home page

Chapter 2: Advanced User Interface; Introduction; Displaying Case Priority flags using a formula field and salesforce.com images; Building an Account Revenue indicator using a formula field and custom images; Creating a clutter-free Account tab using Visual force; Showing a tabbed Account Detail page using Visual force; Rendering an Account credit score graphically using JavaScript, CSS,; and Visual force; Presenting an Account credit score graphically using a Google image chart; Chapter 3: Exposing Hacks and Hidden Features  
Introduction Extending the year range to 2025 on calendar pop ups for all date fields in Salesforce; Populating a historic year range from 1920 on calendar pop ups for all date fields in Salesforce; Creating a custom Log A Call button from accounts with prepopulated fields; Presenting an integrated view of cases on the home page; Removing the ""discover what's new in this release"" button from the home page; Chapter 4: Automating Salesforce CRM; Introduction; Deriving year and month values from the opportunity close date using a formula  
Calculating the week number for the opportunity close date using a formula Creating an opportunity close date e-mail alert using workflow; Setting a default opportunity name using a field update workflow; Generating a default opportunity close date using a field update workflow; Chapter 5: Improving Data Quality in Salesforce CRM; Introduction; Stopping non-system administrators from changing account names with a validation rule; Enforcing the use of two-letter account country codes using a validation rule; Validating if US zip codes are well formed using a validation rule with REGEX  
Validating if UK postcodes are well formed using a validation rule with REGEX Creating a mandatory Reason Lost field for lost opportunities using a validation rule; Chapter 6: Implementing Approval Processes; Introduction; Creating an e-mail template for use with approval assignments; Setting up a user to be associated with an approval process; Building an opportunity approval process for deals greater than USD 100,000; Chapter 7: Productivity Tools for Superusers and Advanced Administration; Introduction; Converting a 15-digit Salesforce opportunity ID to 18 digits using a formula field  
Generating help pages for custom objects using Visualforce and a PDF document

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## Sommario/riassunto

This book is written in a Cookbook-style format and provides you with immediately usable recipes that extend the functionality of Salesforce CRM and solves real-world problems encountered within the Salesforce CRM application. The recipes in this Cookbook contain proven, step-by-step instructions along with detailed screenshots. This Cookbook has been designed so that you can read it chapter by chapter, starting with recipes that provide enhancements to the user interface, and finishing with recipes that cover data and systems integration. You can also refer to the list of recipes and choose to

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