

# Odoo 15 Development Essentials

Fifth Edition

Enhance your Odoo development skills to create powerful  
business applications

Daniel F



Foreword by [Vincent Maeder](#), Founder and President of Open Source Integrators



# Odoo Development Essentials

**Daniel Reis**



## **Odoo Development Essentials:**

Odoo 15 Development Essentials Daniel Reis, Greg Mader, 2022-02-25 Become a proficient Odoo developer and increase your productivity while building Odoo business applications

**Key Features** Set up the Odoo development environment and learn how to test and debug your code Use the ORM framework to work with data and implement business logic supporting business rules Design user interfaces web pages and business reports using the Odoo framework's web components

**Book Description** Odoo is fast becoming the reference open source platform for business applications thanks to the fact that it provides the infrastructure needed for developers to deliver software solutions for any business process quickly Odoo's layered module approach makes it particularly effective for combining and extending features This updated fifth edition is a tutorial style introduction to essential Odoo development topics The book starts by covering the development essentials for building business applications and takes you through Odoo installation and configuration gradually transitioning from having no specific knowledge of Odoo to being ready for application development You'll then learn how to develop your first Odoo application while covering topics such as models and views Later chapters will get you up to speed with using server APIs to add business logic helping you lay a solid foundation for advanced topics As you progress you'll get equipped to build and customize your applications and explore the new features available in Odoo 12 and beyond such as in memory ORM and computed writable fields Finally you'll gain insights into building business logic and using the Odoo API to integrate with various applications By the end of this book you'll be able to build business apps from scratch using the latest version of Odoo

**What you will learn** Install Odoo from source and organize the development environment Create your first Odoo app from scratch Understand the application components available in Odoo Structure the application's data model using ORM features Use the ORM API to implement the business logic layer Design a graphical user interface GUI for the web client and website Use the Odoo External API to interface with external systems Deploy and maintain your application in production environments

**Who this book is for** This book is for developers who want to learn Odoo application development and quickly become productive while creating business applications Teachers trainers and Odoo team managers will also find the book useful for helping their students or trainees to learn Odoo development skills Basic knowledge of Python programming is required to get started with the book

Odoo 12 Development Essentials Daniel Reis, 2018-12-28 Extend your skills with Odoo 12 to build resourceful and open source business applications

**Key Features** Explore Odoo 12 capabilities to develop business applications Program business logic and manipulate data to implement specific business rules in your applications Integrate Python APIs for building customizable and scalable business logic

**Book Description** Odoo is one of the best platforms for open source ERP and CRM Its latest version Odoo 12 brings with it new features and updates in Python packages to develop more customizable applications with additional cloud capabilities The book begins by covering the development essentials for building business applications You will start your journey by learning how to install and configure

Odoo and then transition from having no specific knowledge of Odoo to being ready for application development You will develop your first Odoo application and understand topics such as models and views Odoo 12 Development Essentials will also guide you in using server APIs to add business logic helping you lay a solid foundation for advanced topics As you progress through the chapters you will be equipped to build and customize your applications and explore the new features in Odoo 12 such as cloud integration to scale your business applications You will get insights into building business logic and integrating various APIs into your application By the end of the book you will be able to build a business application from scratch by using the latest version of Odoo What you will learn Manage Odoo server instances Create a new Odoo application from scratch using the most frequently used elements Develop new models and use inheritance to extend existing models Use ORM methods in the Odoo server and from external clients Create Kanban views using QWeb effectively Build custom web and website CMS pages Use external APIs to integrate Odoo with external applications Add automated tests and techniques to debug module business logic Who this book is for If you are a developer familiar with Python and MVC design and want to build business applications using Odoo this book is for you     *Odoo Development Essentials* Daniel Reis,2015-04-06 This book is intended for developers who need to quickly become productive with Odoo You are expected to have experience developing business applications as well as an understanding of MVC application design and knowledge of the Python programming language     *Odoo 10 Development Essentials* Daniel Reis,2016-11-30 Fast track your development skills to build powerful Odoo 10 business applications About This Book Get the most up to date guide on Odoo 10 and learn how to build excellent business applications with Odoo This example rich easy to follow guide enables you to build apps appropriate to your business needs Create solid business applications with the help of this precise to the point guide Who This Book Is For This book caters to developers who are familiar with Python and MVC design and now want to build effective business applications using Odoo What You Will Learn Install Odoo from source code and use all the basic techniques to setup and manage your Odoo server instances Create your first Odoo application Add Odoo s social and messaging features to your own modules Get to know the essentials of Models and Views Understand and use the server API to add business logic Use Qweb to create custom Reports Extend Odoo CMS features to create your own website controllers and pages Leverage Odoo Workflows on your applications Write module automated tests and debugging techniques Deploy your Odoo applications for production use In Detail Odoo is one of the fastest growing open source business application development software products available With announcement of Odoo 10 there are many new features added to Odoo and the face of business applications developed with Odoo has changed This book will not only teach you how to build and customize business applications with Odoo but it also covers all the new features that Odoo has to offer This book is the latest resource on developing and customizing Odoo 10 applications It comes packed with much more and refined content than its predecessor It will start with building business applications from scratch and will cover topics such as module

extensions inheritance working with data user interfaces and so on The book also covers the latest features of Odoo 10 in addition to front end development testing and debugging techniques The book will also talk about Odoo Community and Odoo Enterprise Style and approach This book follows a step by step practical approach where you will learn new concepts with every progressing chapter and create apps for business development [Odoo 12 Development Essentials](#) Daniel Reis,2018-12-28 Extend your skills with Odoo 12 to build resourceful and open source business applications Key FeaturesExplore Odoo 12 capabilities to develop business applicationsProgram business logic and manipulate data to implement specific business rules in your applicationsIntegrate Python APIs for building customizable and scalable business logicBook Description Odoo is one of the best platforms for open source ERP and CRM Its latest version Odoo 12 brings with it new features and updates in Python packages to develop more customizable applications with additional cloud capabilities The book begins by covering the development essentials for building business applications You will start your journey by learning how to install and configure Odoo and then transition from having no specific knowledge of Odoo to being ready for application development You will develop your first Odoo application and understand topics such as models and views Odoo 12 Development Essentials will also guide you in using server APIs to add business logic helping you lay a solid foundation for advanced topics As you progress through the chapters you will be equipped to build and customize your applications and explore the new features in Odoo 12 such as cloud integration to scale your business applications You will get insights into building business logic and integrating various APIs into your application By the end of the book you will be able to build a business application from scratch by using the latest version of Odoo What you will learnManage Odoo server instancesCreate a new Odoo application from scratch using the most frequently used elementsDevelop new models and use inheritance to extend existing modelsUse ORM methods in the Odoo server and from external clientsCreate Kanban views using QWeb effectivelyBuild custom web and website CMS pagesUse external APIs to integrate Odoo with external applicationsAdd automated tests and techniques to debug module business logicWho this book is for If you are a developer familiar with Python and MVC design and want to build business applications using Odoo this book is for you [Odoo 11 Development Essentials](#) Daniel Reis,2018-03-29 Fast track your development skills to build resourceful open source business applications with Odoo 11 Key Features Discover the latest technical capabilities in Odoo 11 while you build your own app Program business logic and manipulate data to implement specific business rules in your applications Implement automated tests to add modules and techniques and debug module business logic Book Description Odoo continues to gain worldwide momentum as the best platform for open source ERP installations Now with Odoo 11 you have access to an improved GUI performance optimization integrated in app purchase features and a fast growing community to help transform and modernize your business With this practical guide you will cover all the new features that Odoo 11 has to offer to build and customize business applications focusing on the publicly available community edition We begin with setting up a

development environment and as you make your way through the chapters you will learn to build feature rich business applications With the aim of jump starting your Odoo proficiency level from no specific knowledge to application development readiness you will develop your first Odoo application We then move on to topics such as models and views and understand how to use server APIs to add business logic helping to lay a solid foundation for advanced topics The book concludes with Odoo interactions and how to use the Odoo API from other programs all of which will enable you to efficiently integrate applications with other external systems What you will learn Install Odoo from source Manage Odoo server instances Create a new Odoo application from scratch covering the most frequently used elements Develop new models and use inheritance to extend modify existing models Use ORM methods both in the Odoo server and from external clients Create Kanban views using QWeb effectively Develop custom web and website CMS pages Use external API to integrate Odoo with external applications Who this book is for Odoo 11 Development Essentials caters to developers who are familiar with Python and MVC design and now want to build effective business applications using Odoo

**Odoo 15 Development Essentials - Fifth Edition** Daniel Reis,Greg Mader,2022 Become a proficient Odoo developer and increase your productivity while building Odoo business applications Key Features Set up the Odoo development environment and learn how to test and debug your code Use the ORM framework to work with data and implement business logic supporting business rules Design user interfaces web pages and business reports using the Odoo framework s web components Book Description Odoo is fast becoming the reference open source platform for business applications thanks to the fact that it provides the infrastructure needed for developers to deliver software solutions for any business process quickly Odoo s layered module approach makes it particularly effective for combining and extending features This updated fifth edition is a tutorial style introduction to essential Odoo development topics The book starts by covering the development essentials for building business applications and takes you through Odoo installation and configuration gradually transitioning from having no specific knowledge of Odoo to being ready for application development You ll then learn how to develop your first Odoo application while covering topics such as models and views Later chapters will get you up to speed with using server APIs to add business logic helping you lay a solid foundation for advanced topics As you progress you ll get equipped to build and customize your applications and explore the new features available in Odoo 12 and beyond such as in memory ORM and computed writable fields Finally you ll gain insights into building business logic and using the Odoo API to integrate with various applications By the end of this book you ll be able to build business apps from scratch using the latest version of Odoo What you will learn Install Odoo from source and organize the development environment Create your first Odoo app from scratch Understand the application components available in Odoo Structure the application s data model using ORM features Use the ORM API to implement the business logic layer Design a graphical user interface GUI for the web client and website Use the Odoo External API to interface with external systems Deploy and maintain your application in production environments Who this book is for This

book is for developers who want to learn Odoo application development and quickly become productive while creating business applications Teachers trainers and Odoo team managers will also find the [Odoo 11 Development Essentials](#) Riste Kabranov,2018 Odoo is one of the fastest growing open source business application development software products available With the announcement of Odoo 11 there are many new features added to Odoo and the face of business application development with Odoo has changed Odoo 11 is the newest version of Odoo ERP and the market for Odoo is growing enormously If you have thought about developing in Odoo now is the best time to start with the help of this hands on course This course will not only teach you how to build and customize business applications with Odoo but it also covers all the new features that Odoo has to offer The course will get you into the Odoo world The video starts by covering Odoo installation administration and Odoo Server deployment It then delves into the implementation of Odoo modules along with different inheritance models available in Odoo You ll then learn how to add Business Intelligence to your module and override functions By the end of this course you will learn how to set up and develop new modules which are the main purpose of this course Resource description page [Odoo Development Cookbook](#) Holger Brunn,Alexandre Fayolle,Daniel Reis,2016-04-29 Build effective applications by applying Odoo development best practices About This Book Each recipe stands by itself as much as possible so that you can jump straight into the topics you prefer The recipes included cover all the major development areas of Odoo and the most important techniques explained through real life projects From seasoned authors learn the tricks of becoming a productive developer with the Odoo framework Who This Book Is For If you are a Python developer who wants to learn or consolidate your Odoo development skills then this book is for you Some experience with the JavaScript programming language and web development is required to fully benefit from the front end chapters What You Will Learn Install and manage Odoo environments and instances Use Models to define your application s data structures Add business logic to your applications Implement automated tests and debug Odoo apps Use back end views to create a user interface Get to know about the access security model and internationalization features Develop front end website features Extend the web client with new widgets and features In Detail Odoo is a full featured open source ERP with a focus on extensibility The flexibility and sustainability of open source is also a key selling point of Odoo It is built on a powerful framework for rapid application development both for back end applications and front end websites The book starts by covering Odoo installation and administration and provides a gentle introduction to application development It then dives deep into several of the areas that an experienced developer will need to use You ll learn implement business logic adapt the UI and extend existing features Style and Approach These practical and easy to follow recipes are presented step by step with dozens of hands on recipes to boost your Odoo skills This book can also be used as a reference guide for your daily work

**Odoo Development Cookbook** Husen Daudi,Jay Vora,Parth Gajjar,Alexandre Fayolle,Holger Brunn,Daniel Reis,2024-05-31 Take your Odoo development skills to the next level by following real world examples to solve complex

business problems with this trusted community edition book officially endorsed by Odoo Key Features Create web client components using the latest features in the Odoo Web Library Discover new widgets for display screens fields and attributes in Odoo 17 Build apps and websites with confidence with the help of this trusted community edition Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionThe latest version of the powerful Odoo framework uncovers a wide variety of features for rapid application development Written by seasoned Odoo experts this updated Odoo Development Cookbook will help you explore Odoo 17's new features and use them to develop applications from scratch You'll learn about website development concepts and get to grips with the Odoo Web Library OWL as well as create a new Odoo module from the ground up before progressing to advanced framework concepts The book also shows you how to modify existing applications including Point of Sale POS applications Going beyond backend development you'll discover advanced JavaScript recipes for creating new views and widgets You'll get a clear understanding of website development and be on your way to becoming a proficient Odoo developer by studying performance optimization debugging and automated testing By the end of this book you'll have the knowledge you need to build impressive applications and be well versed in Odoo development best practices What you will learn Build intuitive websites with Odoo CMS using dynamic building blocks Get to grips with advanced concepts such as caching prefetching and debugging Modify backend JavaScript components and POS applications with the updated OWL framework Connect and access any object in Odoo via Remote Procedure Calls RPCs Manage deploy and test an Odoo instance with Odoo sh Configure IoT Box to add and upgrade Point of Sale POS hardware Find out how to implement in app purchase services Who this book is for This book is for developers who are new to the Odoo framework and want to develop effective business applications Experienced Odoo developers looking to revisit specific topics or discover new features in Odoo 17 may also benefit from this book Basic knowledge of Python programming and JavaScript programming is necessary to get the most out of this book *Odoo 14 Development Cookbook* Parth Gajjar,Alexandre Fayolle,Holger Brunn,Daniel Reis,2020-12-24 With over 200 recipes covering real world examples take your Odoo development skills to the next level and solve complex business problems using this guide Key Features Book DescriptionWith its latest iteration the powerful Odoo framework released a wide variety of features for rapid application development This updated Odoo development cookbook will help you explore the new features in Odoo 14 and learn how to use them to develop Odoo applications from scratch You'll learn about the new website concepts in Odoo 14 and get a glimpse of Odoo's new web client framework the Odoo Web Library OWL Once you've completed the installation you'll begin to explore the Odoo framework with real world examples You'll then create a new Odoo module from the ground up and progress to advanced framework concepts You'll also learn how to modify existing applications including Point of Sale POS applications This book isn't just limited to backend development you'll discover advanced JavaScript recipes for creating new views and widgets As you progress you'll learn about website development and become a quality Odoo developer by studying



performance optimization debugging and automated testing Finally you ll delve into advanced concepts such as multi website In App Purchasing IAP Odoo sh the IoT Box and security By the end of the book you ll have all the knowledge you need to build impressive Odoo applications and you ll be well versed in development best practices that will come in handy when working with the Odoo framework What you will learn Build beautiful websites with Odoo CMS using dynamic building blocks Get to grips with advanced concepts such as caching prefetching debugging Modify backend JavaScript components and POS applications with the new OWL framework Connect and access any object in Odoo via Remote Procedure Calls RPC Manage deploy and test an Odoo instance with Odoo sh Configure IoT Box to add and upgrade Point of Sale POS hardware Find out how to implement in app purchase services Who this book is for *edX E-Learning Course Development* Matthew A. Gilbert,2015-05-30 If you are an educator creating a course for edX or a corporate trainer using Open edX for large scale learning and development initiatives then edX E Learning Course Development is the ideal book for you Learn Odoo Greg Moss,2019-10-31 Modernize and upgrade your enterprise ERP environment by learning to work with the stable and essential components of Odoo 12 from scratch Key FeaturesLearn the fundamentals of Odoo a comprehensive enterprise management platform without writing a single line of codeCreate business operation strategies and analytics by using OdooBuild customized ERP and CRM solutions for your businessBook Description Odoo is management software that contains a set of open source enterprise management applications that help you modernize your business Completely revised and updated this comprehensive Odoo guide is a fourth edition of Working with Odoo This book begins with an introduction to Odoo and helps you set up Odoo Online in your system You ll learn how to start a new company database in Odoo and the basics of Odoo sales management You will explore customer relationship management in Odoo and its importance in a modern business environment Moving on you ll learn how to install the purchasing application set up suppliers and begin purchasing and receiving products in Odoo Next you ll learn how to use the MRP module to create process and schedule the manufacturing and production order Once you get to grips with the basic applications you ll uncover how to customize Odoo to meet the specific needs of your business You ll learn some advanced techniques for searching and finding information and you ll be taken through business intelligence in Odoo Towards the end of the book you ll go in depth into Odoo s architecture and learn to use Odoo s API to integrate with other applications By the end of the book you ll be ready to use Odoo to build enterprise applications and set up the functional requirements for your business What you will learnConfigure and customize a customer relationship management systemSet up purchasing and receiving system functionality in your Odoo environmentUnderstand manufacturing operations and processes with real world examplesExplore Odoo s financial accounting and reporting featuresUse Odoo s featured project management application to sort tasksGet to grips with the basics of Odoo administration and manage multi company operationsWho this book is for This book is for any IT professionals business managers and operation managers who are looking to gain a functional understanding of Odoo or trying to

implement Odoo in their organization to improve their business processes No prior experience of Odoo is required **Odoo 11 Development Essentials - Third Edition** Daniel Reis,2018 Fast track your development skills to build resourceful open source business applications with Odoo 11 About This Book Discover the latest technical capabilities in Odoo 11 while you build your own app Program business logic and manipulate data to implement specific business rules in your applications Implement automated tests to add modules and techniques and debug module business logic Who This Book Is For Odoo 11 Development Essentials caters to developers who are familiar with Python and MVC design and now want to build effective business applications using Odoo What You Will Learn Install Odoo from source Manage Odoo server instances Create a new Odoo application from scratch covering the most frequently used elements Develop new models and use inheritance to extend modify existing models Use ORM methods both in the Odoo server and from external clients Create Kanban views using QWeb effectively Develop custom web and website CMS pages Use external API to integrate Odoo with external applications In Detail Odoo continues to gain worldwide momentum as the best platform for open source ERP installations Now with Odoo 11 you have access to an improved GUI performance optimization integrated in app purchase features and a fast growing community to help transform and modernize your business With this practical guide you will cover all the new features that Odoo 11 has to offer to build and customize business applications focusing on the publicly available community edition We begin with setting up a development environment and as you make your way through the chapters you will learn to build feature rich business applications With the aim of jump starting your Odoo proficiency level from no specific knowledge to application development readiness you will develop your first Odoo application We then move on to topics such as models and views and understand how to use server APIs to add business logic helping to lay a solid foundation for advanced topics The book concludes with Odoo interactions and how to use the Odoo API from other programs all of which will enable you to efficiently integrate applications with other external systems Style and Approach This fast paced tutorial explains topics with the help of practical examples to help you understand each chapter efficiently Downloading the example code for this book You can download the example code files for all Packt books you have purchased from your account at <http://www.it-ebooks.info>

*Intelligent Systems and Networks* Thi Dieu Linh Nguyen,Elena Verdú,Anh Ngoc Le,Maria Ganzha,2023-08-19 This book presents Proceedings of the International Conference on Intelligent Systems and Networks ICISN 2023 held at Hanoi in Vietnam It includes peer reviewed high impact research manuscripts that highlight the work based on Intelligent System and Networks The book presents ongoing research outcomes results and cutting edge works which are of importance to professionals and academics researchers It covers topics such as Computational Intelligence in Language and Speech Processing Software development methods Wireless Communications and Signal Processing IoT and Sensor Embedded Systems etc Problem Based Learning: Bahan Ajar Enterprise Resource Planning (ERP) Berbasis ODOO I Gede Susrama Mas Diyasa,Surjohadi,Irma Dwi Kusuma,2024-08-06 Enterprise Resource Planning ERP adalah sistem manajemen perangkat

lunak yang mengintegrasikan berbagai fungsi bisnis ke dalam satu sistem yang terpusat untuk merampingkan proses dan informasi di seluruh organisasi ERP menyediakan dasar yang kuat untuk mengelola sumber daya termasuk keuangan sumber daya manusia produksi dan rantai pasokan melalui satu platform yang kohesif Sistem ERP biasanya terdiri dari beberapa modul perangkat lunak yang masing-masing menangani fungsi bisnis tertentu Modul-modul ini mencakup area seperti akuntansi manajemen inventaris sumber daya manusia manajemen hubungan pelanggan CRM manajemen proyek dan banyak lagi Integrasi ini memungkinkan data dari berbagai departemen untuk diakses secara real time memberikan visibilitas yang lebih baik dan memfasilitasi pengambilan keputusan yang lebih cepat dan lebih akurat **Odoo 12**

**Development Cookbook** Parth Gajjar,Alexandre Fayolle,Holger Brunn,Daniel Reis,2019-04-27 Build customized solutions for your business using the latest features of Odoo 12 and Python Key Features Get up to speed with Odoo 12 to create custom and reusable modules Interconnect your application with other systems by implementing web APIs Understand the mechanisms powering the Odoo framework and Odoo.sh to build robust enterprises Book Description Odoo is a powerful framework known for rapid application development Its latest release Odoo 12 introduces tons of new features With this book you'll learn how to develop powerful Odoo applications from scratch using all the latest features This Odoo cookbook starts by covering Odoo installation and deployment on the server Next you'll explore the Odoo framework with real world examples You'll create a new Odoo module from the ground up and progress to advanced framework concepts You'll also learn how to modify existing applications including Point of Sale POS This book is not just limited to backend development the advanced JavaScript recipes for creating new views and widgets will help you build beautiful UI elements As you move forward you'll gain insights into website development and become a quality Odoo developer by studying performance optimization debugging and automated tests Finally you'll learn the latest concepts like multi website In App Purchasing IAP Odoo.sh and IoT Box By the end of the book you'll have all the knowledge you need to build powerful Odoo applications The development best practices used in this book will undoubtedly come handy when you are working with the Odoo framework What you will learn Develop a module in the Odoo framework and modify the existing flow of any application Build dynamic websites with Odoo CMS Create and modify backend JavaScript components in Odoo and POS Connect and access any object in Odoo via Remote Procedure Calls RPC Illustrate the different tools available in Odoo to implement business processes for your records Implement in app purchase services Manage deploy and test an Odoo instance with the PaaS Odoo.sh Configure IoT Box to add and upgrade Point of Sale POS hardware Who this book is for If you're a Python developer who wants to develop highly efficient business applications with the latest Odoo framework or if you just want a solution guide for all your Odoo development issues this book is for you Some JavaScript programming and web development experience is necessary to get the most out of this book [Odoo 11 Development Cookbook - Second Edition](#) Holger Brunn,Alexandre Fayolle,2018-01-22 Create fast and efficient server side applications using the latest features of Odoo v11 Key Features Get

the most up to date guide on Odoo 11 to create custom and reusable modules Interconnect your application with other systems by implementing web APIs Understand the mechanisms powering the Odoo framework to build robust enterprises

**Book Description** Odoo is a full featured open source ERP with a focus on extensibility The flexibility and sustainability of open source are also a key selling point of Odoo It is built on a powerful framework for rapid application development both for back end applications and front end websites Version 11 offers better usability and speed a new design as compared to the current Odoo Enterprise version and a mobile interface The book starts by covering Odoo installation and administration and Odoo Server deployment It then delves into the implementation of Odoo modules the different inheritance models available in Odoo You will then learn how to define access rules for your data how to make your application available in different languages how to expose your data models to end users on the back end and on the front end and how to create beautiful PDF versions of your data By the end of the book you will have a thorough knowledge of Odoo and will be able to build effective applications by applying Odoo development best practices

**What you will learn** Install and manage Odoo environments and instances Use models to define your application s data structures Add business logic to your applications Add automated tests and learn how to debug Odoo apps Learn about the access security model and internationalization features Customize websites built with Odoo by writing your own templates and providing new snippets for use in the website builder Extend the web client with new widgets and make RPC calls to the server

**Who this book is for** If you re a Python developer and want to develop highly efficient business applications with the latest Odoo framework or if you just want a hands on problem solution book for all your Odoo Development related issues this book is for you

**Some experience with the JavaScript programming language and web development is required to get the most out of this book**

**Working with Odoo 10** Greg Moss,2017-01-23 Discover what Odoo can do to help you and your business with this guide to Odoo development essentials With step by step guides and real world examples Working with Odoo 10 will show you how to create and integrate Odoo modules whilst getting the most out of their powerful accounting reporting CRM and management features

**Odoo 11 Development Cookbook** Holger Brunn,Alexandre Fayolle,2017-12-19 Create fast and efficient server side applications using the latest features of Odoo v11

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access rules for your data how to make your application available in different languages how to expose your data models to end users on the back end and on the front end and how to create beautiful PDF versions of your data By the end of the book you will have a thorough knowledge of Odoo and will be able to build effective applications by applying Odoo development best practices What you will learn Install and manage Odoo environments and instances Use models to define your application s data structures Add business logic to your applications Add automated tests and learn how to debug Odoo apps Learn about the access security model and internationalization features Customize websites built with Odoo by writing your own templates and providing new snippets for use in the website builder Extend the web client with new widgets and make RPC calls to the server Who this book is for If you re a Python developer and want to develop highly efficient business applications with the latest Odoo framework or if you just want a hands on problem solution book for all your Odoo Development related issues this book is for you Some experience with the JavaScript programming language and web development is required to get the most out of this book

Discover tales of courage and bravery in Explore Bravery with is empowering ebook, Unleash Courage in **Odoo Development Essentials** . In a downloadable PDF format ( \*), this collection inspires and motivates. Download now to witness the indomitable spirit of those who dared to be brave.

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## Odoo Development Essentials Introduction

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