



Odoo Technical Training

OWL Framework

7:00 AM-10:00 AM EST

19-Sep-2020



Course Contents

About Us

Cybrosys Technologies is one of the fastest-growing companies in Odoo ERP. The ISO certified software solutions company is into providing ingenious business solutions in Odoo to a wide range of enterprises. With offices in London & India, Cybrosys Technologies cater to businesses in all global markets. We have a huge clientele all around the world.

Cybrosys provides all types of Odoo ERP services and covers almost all the industries. The company has a very strong reputation for large and successful Odoo projects and possesses highly skilled developers at our development center based in India.

A decade of experience in Odoo ERP has blessed Cybrosys with the skills and expertise to deliver every project with supreme ease. Our office serves Europe, the Middle East & Africa region with dedicated Odoo services. Customer satisfaction is our prime motto while offering Odoo ERP allied services.

Our services in Odoo include Odoo ERP implementation, Odoo Customization, Odoo Support and Maintenance, Odoo Migration, Odoo Integration, Odoo Apps Development, and Employee outsourcing services in Odoo.

We help our clients to achieve their strategic business goals via our technical ingeniousness, proven domain experience, and project management skills.

What is Odoo?

Odoo also is known as Open ERP. The application was founded by Fabien Pinckaers in 2005. The word Odoo is the acronym of On-Demand Open Object. Odoo is a large collection of business-related applications and modules like CRM, Sales management, E-commerce, Warehouse management, Purchase management, Accounting suit, Manufacturing management, HRMS, etc. All these basic modules are collectively called Enterprise Resource Planning software.

Apart from its **52 main basic modules**, Odoo has more than **26,000+ third party Apps/Plugins** available in its app store. Each of them is custom-built for different user needs. These applications stand ahead of time and fulfill every business requirement. Today **Odoo ERP has more than 5+ million users** ranging from SMEs, start-ups and larger enterprises. The user list includes leading brands like Toyota, Hyundai, and PCI.

Odoo modules are made accessible online, which can be easily downloaded and assessed. Adding further, there are more than 1500 dynamic members (both technical and functional) working on Odoo platform, constantly upgrading its framework and extending functionality, to cater to the wide assortment of business needs. Today, Odoo is one of the widely used open-source ERP solutions in the market.

Why is Odoo becoming more and more popular?

- Easily adaptable software for any industry type.
- Cost-effective compared to proprietary ERP models.
- Freedom from licensing costs(Community Edition).
- No fear of Vendor Lock-in.
- Large customization and integration possibilities.
- Upgrades and improvisations with each version release.
- Unlimited functional support if deployed at the enterprise level.

- A Timeline software.
- Scalability and Modularity
- Global Support from Odoo forum and mailing lists.
- Highly user-friendly UI.
- Industry-Specific Modules

What is OWL?

OWL(Odoo Web Library) is a standalone web framework developed by **Odoo SA** in order to improve the well known open source ERP Odoo.This framework is mostly written in **TypeScript** and **JavaScript**.It comes with a combination of all good features from React and VUE, but left the problems of both frameworks behind.OWL is a perfect framework that is developed with Odoo ERP in mind.

Course Objective

The key objective behind Odoo Technical Training is to literate the Odoo Developers, Partners and other public on OWL(Odoo Web Library) framework. The training envisions sharing how to Build a OWL Project. The training will cover the different aspects of OWL and create a strong knowledge base for attendees.

Duration: 3:00 Hour

Date: 19- Sep -2020

Time: 7:00 AM-10:00 AM EST

Medium: zoom

Training Essentials

- Passion for Learning Programming
- Basic Programming Knowledge
- Basic Knowledge in MVC Concepts
- Internet Connectivity

Preferred Candidates

The ideal candidates should be either of the following, however, it isn't limited:

1. OdoO Techno Functional Consultants
2. OdoO Developers
3. React or Vue Developers
4. IT Administrator
5. IT Support

Course Content

1. Introduction
2. Agenda
3. Setting Up an OWL Project
4. OWL Components
 - a. Reactive System
 - b. Properties
 - c. Static Properties
 - d. Methods
 - e. Lifecycle
 - f. Root Component
 - g. Composition
 - h. Form Input Bindings

- i. References
 - j. Dynamic sub components
 - k. Functional Components
 - l. SVG components
- 5. Environment

- 6. Context
 - a. Rendering Components
 - b. Semantics
 - c. Asynchronous Rendering

- 7. Store
- 8. Qweb
 - a. QWeb Templating Language
 - b. QWeb Engine

- 9. Tags
- 10. Slots
- 11. Event Handling
 - a. Event Handling
 - b. Business DOM Events
 - c. Inline Event Handlers
 - d. Modifiers

- 12. Hooks
 - a. OWL Hooks
 - b. Making customized hooks

- 13. Router
- 14. Concurrency Model
- 15. Error Handling
- 16. Utils
- 17. Animations