Application Building

You've come to the right place for everything related to designing and building CommCare applications!

Start with the Application Building Tutorial Series to get a feeling for the app building process. Then check out applications designed by other organizations and review best practices for designing effective and useful apps. Finally, get a list of key references and tools to keep on hand as you build out your CommCare application.

Introduction

- Terms and Concepts - the CommCare glossary
- CommCare Fundamentals

App Building Tutorials

- Application Building Tutorial Series

Core Information

- Form Builder - overview of the form designer, a tool you can use to create forms for CommCare
- Errors building an application - help in interpreting error messages while building applications
- Application Settings
- Manage Applications
  - Deploy and Install an Application on CommCareHQ
  - Copy or Delete an Application
- Design
  - CommCare Exchange - Starter Apps - a set of example applications, curated by Dimagi
  - Best practices in application building
  - CommCare for Low-literate Users
  - Application Design Overview and Open Source Specifications
  - General Workflow Suggestions
  - Application Review - a checklist of design and quality issues to make sure you've considered
- Language Support - how to manage multiple languages in your application
  - Language configuration (for Applications)
  - Form Bulk Translation (for forms)
  - User Interface Translation
  - Local Language Support and Fonts
  - Application Profiles

Multimedia in CommCare

- Images
- Audio
- Video
- Multimedia Validation

Advanced Resources

- Common Logic and Calculations
- CommCare Functions
- Lookup Tables
- Case Management
  - Overview
  - Configuring Cases in CommCareHQ
  - Case List and Case Detail Configuration
  - Transfer Cases Between Mobile Workers
  - Case Sharing
- Time Zone Settings
- Export Form Contents
- Configure Email Reports
- Workflow Support - best practices for common workflows
  - Referrals in CommCare
- Advanced Tools
  - CommCare Localization Tools (Ethiopian Calendar for CommCareODK)
- Multiple Choice Questions with Cases as Choices
- Use Excel to Build CommCare Forms
- Grid View for Form and Module Screens