

# dotCMS Content Architect Training Agenda

## Session 1

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1. Backend Overview
2. File Asset & Page Content Types
  - a. System fields
  - b. Metadata on files
3. Navigation: Menu Links & Vanity URLs
4. Creating Content Types
  - a. System, standard, & URL map fields
  - b. Publish and expire fields
5. Categorizing Content
  - a. Creating Parent and child categories & category import
  - b. Category fields on Content Types
6. Tagging Content
  - a. Tag repositories on hosts (creating, editing, searching)
  - b. Adding tag fields to a Content Type
  - c. Tag searching on html pages (tag clouds)
7. Relating Content Types
  - a. Relating Content Types & relationship fields
  - b. Adding related content
8. The Time Machine
  - a. Scheduling and viewing snapshots
  - b. Future views with publish and expire fields on Content Types
9. Building a Site Search
  - a. Creating a new index & index aliases
  - b. The index job scheduler
  - c. Searching, downloading, and restoring indexes (CLI)

## 10. CMS Maintenance

- a. Backend logging & threads
- b. Re-indexation & flushing caches
- c. Logged user
- d. License manager

## 12. Hosts

- a. Host variables
- b. Copy host

## Session 2

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## 13. Templates and Containers

- a. Formatting container content
- b. Re-using containers on templates
- c. Creating an advanced template
- d. Creating a design template

## 14. The Form Content Type

- a. Creating a Form Content Type
- b. Adding fields to a form
- c. Form & host permissions
- d. Placing forms on webpages
- e. Styling options
- f. Viewing form submissions

## 15. Push Publishing

- a. Adding remote servers
- b. Searching & adding content to the remote publish queue
- c. The publishing queue
- d. What can/can't be remotely published

## 16. Custom Workflow Schemes

- a. Adding/Editing a workflow step
- b. Workflow actions
- c. Workflow sub-actions
  - i. standard sub-actions
  - ii. link check on WYSIWYG
  - iii. pushing content
- d. Custom code on workflow actions
- e. Scheduling actions on a workflow step

## 17. The Broken Link Checker

## 18. Internationalization Basics

- a. Adding new languages
- b. Adding language variables
- c. Multilingual content

## Session 3

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## 19. Permissions

- a. Planning New Role Permissions
  - i. Host and Parent folders = view
  - ii. Work Folders = view, modify/publish
  - iii. Content Types (Content, Pages, Files) = view, modify/publish
  - iv. Categories = view
  - v. Templates = view
  - vi. Containers = view
- b. Creating a New Role
  - i. “Can Grant” properties on a Role
  - ii. Role Permission inheritance (defining a parent role)
  - iii. Role Key (usage in LDAP implementations)
- c. Overview: How Can Permissions be Inherited?
  - i. System Host
  - ii. Individual Host
  - iii. Folders
  - iv. Content Types
    1. Default “Host or Folder” system field
    2. Adding Host Fields
    3. Permission Inheritance on Content
  - v. Category Permission Inheritance
- d. Locking a Role (stopping object permission changes)

20. URL Maps on Content Types

- a. Map patterns and detail pages
- b. URL mapped listing code
- c. URL mapped detail page codePers

21. Rules Engine & Personalization

- a. Rules & Conditions
- b. Actions
- c. Personas
- d. Visitors
- e. Page Personas