dotCMS Content Architect Training Agenda

Session 1

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**

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

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