



Magnolia

Content Management Suite



Contents

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About Magnolia

- Browser-based Web Authoring
- Open-source Content Management
- Uses Java Content Repository (JSR-170)
- Speaks 15 Major Languages

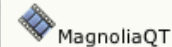
Magnolia's main goal is ease of use for all parties involved in running a CMS.

Magnolia Modules

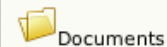
 Web Content Management System



 Digital Media Management System



 Document Management System



 Business Process Navigator

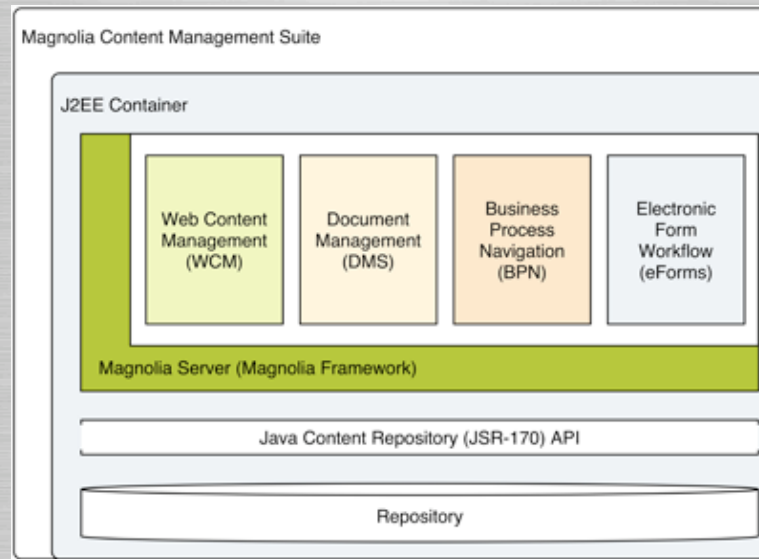


 Enterprise Edition Repository






Magnolia Modules

Module Relationships



Magnolia Modules

Web Content Management System

 Website	 home	Home		Magnolia samples	05-11-10, 00:13
 Documents	 documentation	Documentation		Magnolia samples	05-11-13, 12:55
 Processes	 hardware	Hardware		Magnolia samples	05-11-17, 09:59
 MagnoliaQT	 mac_os_9	Mac OS 9		Magnolia samples	05-11-18, 09:16
 Users	 mac_os_x	Mac OS X		Magnolia samples	05-11-17, 09:59
 Roles	 mail	Mail List		Magnolia samples	05-11-10, 08:47
 Config	 meetings	Meetings		Magnolia samples	05-11-04, 15:54
 About Magnolia	 presentations	Presentations		Magnolia samples	05-11-13, 13:20
	 resources	Resources		Magnolia samples	05-11-04, 15:46
	 training	Training		Magnolia samples	06-01-06, 09:01
	 help	Help		Magnolia samples	05-11-04, 15:46

Magnolia Modules









Digital Media Management System

The screenshot shows the Magnolia Digital Media Management System interface. On the left is a sidebar with navigation options: Website, Documents, Processes, MagnoliaQT (highlighted), Users, Roles, Config, and About Magnolia. The central pane displays a file tree with folders and files, including 'images', 'places', 'san_francisco', 'copenhagen', 'movies', 'movie' (highlighted), 'sounds', 'mp3', and 'mp3_work'. Each item shows a date and time. On the right is a video player showing a black screen with the text 'share your perfect impression easy' and a playback control bar. Below the video player is a list of metadata:

- width: 320
- height: 240
- Duration: 9
- trackcount: 2
- Mimetype: video/quicktime
- Filename: movie
- Original filename: movie
- Original filesize: 394.20 KB

Magnolia Modules

Document Management System

 Website	<h3>Magnolia for Documents</h3> <p>Easy to use, powerful and standards compliant Magnolia for Documents is a document management system (DMS) in true Magnolia style. Its outstanding web-based user interface makes document management benefits like access control, versioning or meta data search instantly available on your network. Full integration into the Magnolia Suite and role based access control make sure that documents are easily found while confidentiality is maintained where desired.</p> <p>Magnolia for Documents is the first available DMS built on the JSR-170 standard, which allows the use of a variety of repositories as well as easy standardized access from other systems, and allows for seamless system integration.</p> <p>Magnolia for Documents has been developed to make Document Management straightforward and easy-to-use. Magnolia is renown for its intuitive web-based user interface, and Magnolia for Documents further extends that lead by providing a rich user experience directly in the browser without additional client software installation.</p> <p>Experience Magnolia for Documents today, and see why the Magnolia Content Management Suite is amongst the leading content management products in the world.</p>
 Documents	
 Processes	
 MagnoliaQT	
 Users	
 Roles	
 Config	
 About Magnolia	

Magnolia Modules

Business Process Navigator



Magnolia for Business Processes

Magnolia for Business Processes enables you to summarize information which is spread throughout your company in a process-oriented way and to visualize, navigate, administer and publish it on-line.

A picture facilitates the intuitive understanding of complex patterns, of correlations and dependencies. Magnolia for Business Processes uses this quality in a unique way: the visualizing of process-oriented knowledge is at the same time the navigation interface to obtain information. Business processes, activities and interfaces are represented in a way that they show temporal dependencies immediately. The result: you see at a glance how your company functions.

You can include any kind of information from third party systems and visualize existent process descriptions semi-automatically. For example you can link your quality management manual with SOPs and Best Practice. The result: you can find all relevant information intuitively, task-oriented and thus efficiently.

Magnolia for Business Processes is the first system in its class built on the JSR-170 standard. JSR-170 allows the use of a variety of repositories as well as standardized access from other systems, and allows for seamless system integration.

Complexity translates into information. Information translates into knowledge. Knowledge translates into competitive advantages.



Magnolia Modules

Enterprise Edition Repository

Enterprise Edition contains a professional grade commercial repository (Magnolia Power Pack).

	Community Edition	Enterprise Edition
recommended users	< 100	>100
scalability	medium	high
role-based user management	*	*
LDAP / ADS available		*
repository implementation	Open Source	Commercial
level 2 JSR-170 API implementation	*	*
online (hot) backup		*
technical support	mailing list	issue tracker

Enterprise Edition is therefore much better suited for large enterprise requirements.

Magnolia Licensing

- Web Content Management (Open-Source)
- Digital Media Management (Beta)
- Document Management (Commercial)
- Business Process Navigator (Commercial)
- Enterprise Edition Repository (Commercial)



Magnolia Licensing

Magnolia Server is
Open-Source



CONTENT MANAGEMENT SUITE LICENSE

MAGNOLIA 2.1

CONTENT MANAGEMENT SUITE License Agreement

This package contains the Apache Tomcat 5.0.28 software distribution with libraries from oreilly.com and from w3c.org, licensed under the [Apache Software License](#). Please make sure you understand these licenses.

Magnolia source code is distributed under [GNU LGPL](#). You may copy, adapt, and redistribute magnolia 2.1 for commercial or non-commercial use.

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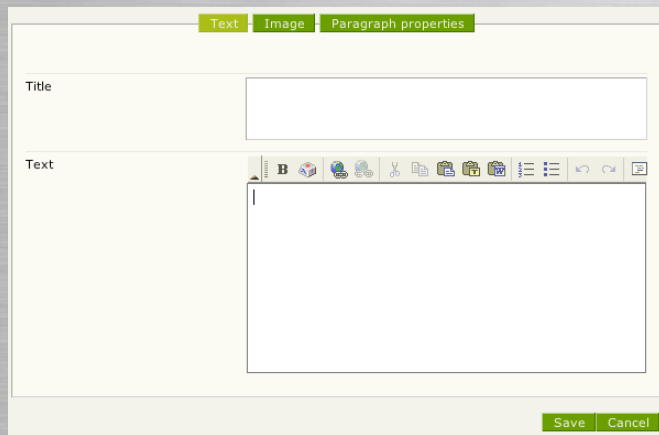


Magnolia Licensing

- Commercial modules are licensed on a per-user, per-year basis from Obinary.



Magnolia Features



* Content authoring, media management, and site administration do not work in Safari.

- Native search
- XML-based import/export
- Cross-browser compatibility *
- No Admin software needed
- Rich-Text editor (FCKeditor)
- Role-based user management
- Friendly URLs

Magnolia Features

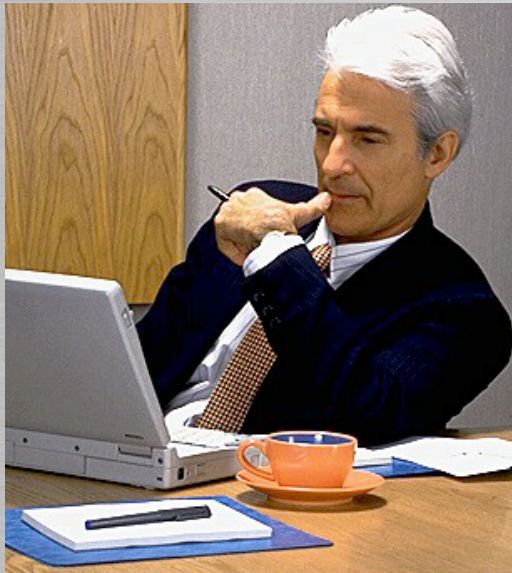
Features for Content Administrators



Instant inline editing	You no longer need to switch between different navigation mechanisms to make a small change on a web page. Simply switch any browsed page to edit-mode for instant editing in the look and feel of your website
Browser-based user interface	All authoring tasks such as managing the site hierarchy and inline editing are carried out in a browser. No more client installations, no platform dependencies.
Runs with any browser	The authoring environment works in all major browsers. Use the one you like best – not the one your vendor likes best.
Move, copy, reorder	Move or copy entire site-structures with ease. Reorder pages and pagecontent via drag and drop – directly in the browser
Virtual static web addresses	Magnolia's web addresses are indistinguishable from static URLs. This makes them easy to read, easy to communicate, easy to bookmark and easy to spider by search engines.
Role-based user management	Define roles for document access and assign them to your users to make sure each user has only the rights that he or she should have. Documents can only be seen, read and changed by those who are allowed to do so.
Automatic meta-data storage	Magnolia automatically saves meta-data such as the name of an author and the last authoring date.

Magnolia Features

Features for Site Developers



Automatic form-dialog generation	Form dialogs for data entry are generated automatically. You concentrate on the "what" – Magnolia provides the "how".
Standards-based templating in JSP and Servlets	Utilize your existing Java knowledge – no need to learn proprietary script languages any more.
Custom-tag library speeds up templating	The Magnolia tag library allows you to customize the authoring environment and create templates in a fast, efficient and re-usable way. Magnolia additionally supports third-party tag libraries such as JSTL to minimize the amount of code you have to write.
Unlimited page and paragraph designs	Magnolia gives you the flexibility you want while preserving corporate design guidelines.
Syndication and staging	The built-in publish & subscribe mechanism allows you to syndicate content easily to any other application which understands HTTP.
Java Content Repository (JCR)	Magnolia is custom-built from scratch to support the upcoming standard for Java content repositories. This makes it extremely easy to customize Magnolia and unify content access.
Logging with Apache Log4j	Magnolia uses standard Log4j logging. Its extensive customization options allow you to focus logs on your particular needs.

Magnolia Features

Features for System Administrators



100% Java/J2EE compliance	Magnolia is developed in Java and runs on any J2EE compliant application server.
Prepackaged with Apache Tomcat for quick and easy deployment	Magnolia is delivered with Apache Tomcat by default but may be configured to run on any J2EE compliant server such as IBM WebSphere, Bea WebLogic, Pramati Server, JBoss Application Server, etc...
Unlimited scalability, clustering and load-balancing	The integrated publish & subscribe mechanism allows you to mirror your website to as many physically distributed servers as you want.
High-performance caching system	Magnolia has its own caching mechanism to increase speed and minimize CPU load. The cache is written on the file system and is automatically updated whenever needed. It is configurable by tree or by page.

Magnolia Requirements

- Java 1.4.2_x or higher
- Any J2EE Application Server
 - Apache Tomcat Version 5.0.28
 - Bundled with Magnolia for convenience
- Supported web browser *
- QuickTime (for DMMS)



Powered by



Magnolia Concepts



- Users & Roles
- Publishing Content
- File System
- Cache, tmp, and work Folders
- Logs
- Templating
- AdminCentral

Magnolia Concepts

Users & Roles



Role-based User Management

Define roles for site-tree access and assign them to your users to make sure each user has only the rights that he or she should have.

Magnolia Concepts

Users & Roles - Creating Roles

The screenshot displays the Magnolia AdminCentral interface. At the top, there is a table with two columns: 'Role name' and 'Full role name'. The table lists four roles: 'superuser', 'editor', 'developer', and 'securitymanager'. A context menu is open over the 'editor' role, showing options: 'Edit role ...', 'New role', 'Delete role', 'Activate role', 'De-activate role', and 'Refresh'. Below the table, there is a window titled 'Access control list' with two tabs: 'Properties' and 'Access control list'. The 'Access control list' tab is active, showing two rows of access controls. Each row has a dropdown for 'Read/Write' (set to 'Read/Write'), a dropdown for 'Selected and sub pages' (set to 'Selected and sub pages'), a text input field, and 'Choose...' and 'Del' buttons. The first row has an empty text input field, and the second row has '/features/help'. An 'Add' button is at the bottom left, and 'Save' and 'Cancel' buttons are at the bottom right.

Role name	Full role name
superuser	-
editor	-
developer	-
securitymanager	-

Context menu options:

- Edit role ...
- New role
- Delete role
- Activate role
- De-activate role
- Refresh

Access control list configuration:

Read/Write	Selected and sub pages	Text	Buttons
Read/Write	Selected and sub pages	/	Choose... Del
Deny access	Selected and sub pages	/features/help	Choose... Del

Buttons: Add, Save, Cancel

To create a role, go to the Roles section in AdminCentral, click the right mouse button in the main window, and select "New role"

To allow or forbid user access to certain pages in the Website, the proper access controls need to be defined in the role settings.

A role without any access controls forbids access to all pages.

Magnolia Concepts

Users & Roles - Create User

The screenshot shows a web form for creating a user. The form is titled "User properties window" and contains the following fields and options:

- User name:** shirley
- Full name:** Shirley Davis
- Password:** ****
- Leave empty to keep existing:** Please verify your entry: ****
- Roles:** /team_alpha (with "Choose..." and "Del" buttons)
- Permissions:**
 - Users administrator
 - Roles administrator
 - Config administrator
- Buttons:** Add, Save, Cancel

To create a user, go to the Users section in AdminCentral, click the right mouse button in the main window, and select "New user"

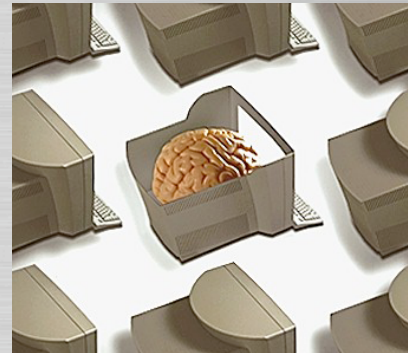
If you want to allow the user to activate content from the authoring to the public instance, you must activate the user.

Make sure that the user's roles have been activated as well.

Magnolia Concepts

Publishing Content

- Authoring System
- Public System



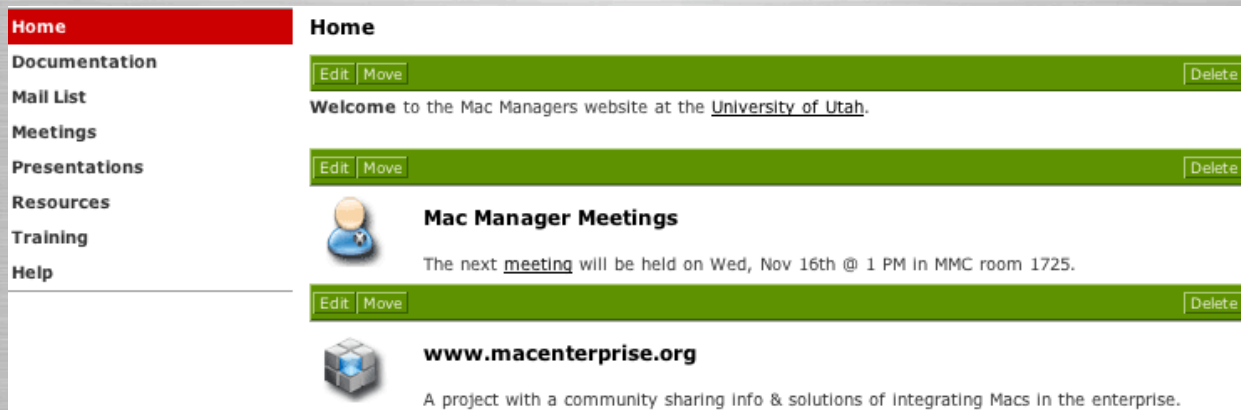
A Magnolia web site is normally running on two application instances. This provides flexibility, scalability, and security.

Magnolia Concepts

Publishing Content

Author System

- Used for making changes and updates on pages and structure of the web site






The screenshot displays the Magnolia CMS interface. On the left is a sidebar with a red header labeled "Home" and a list of menu items: Documentation, Mail List, Meetings, Presentations, Resources, Training, and Help. The main content area has a white background and a red header labeled "Home". Below the header is a green bar with "Edit" and "Move" buttons on the left and a "Delete" button on the right. The main content area contains a welcome message: "Welcome to the Mac Managers website at the [University of Utah](#)." Below this is another green bar with "Edit", "Move", and "Delete" buttons. The next section is titled "Mac Manager Meetings" with a blue person icon. The text below reads: "The next [meeting](#) will be held on Wed, Nov 16th @ 1 PM in MMC room 1725." Below this is a third green bar with "Edit", "Move", and "Delete" buttons. The final section is titled "www.macenterprise.org" with a blue cube icon. The text below reads: "A project with a community sharing info & solutions of Integrating Macs in the enterprise."

Magnolia Concepts

Publishing Content

Public System

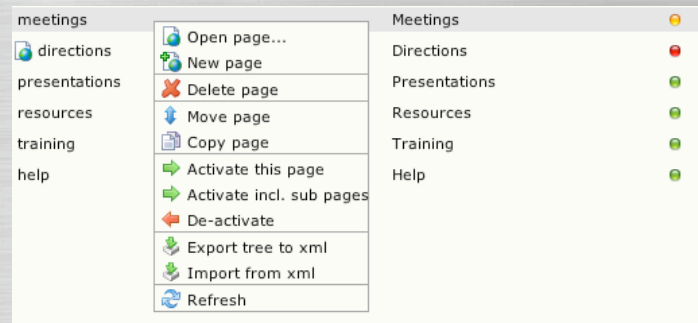
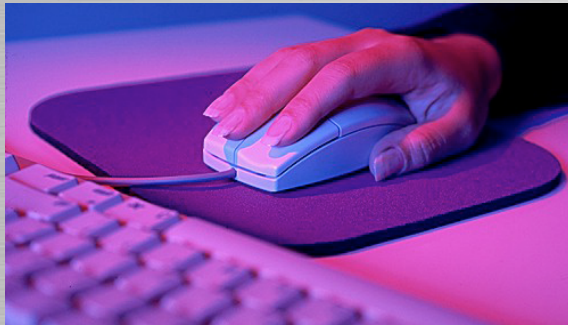
- Serves the contents of the web site to the visitors on the Internet

Home	Home
Documentation	Welcome to the Mac Managers website at the University of Utah .
Mail List	
Meetings	 Mac Manager Meetings The next meeting will be held on Wed, Nov 16th @ 1 PM in MMC room 1725.
Presentations	
Resources	 www.macenterprise.org A project with a community sharing info & solutions of integrating Macs in the enterprise.
Training	
Help	 Streamed Media We have streamed video of monthly meetings.



Magnolia Concepts

Publishing Content



This setup enables you to make changes to pages and structure of your website in the authoring environment, to test and review these changes thoroughly, or have them reviewed by someone else - and to release, or “activate”, these changes for the public once the change and review cycle is completed.

Magnolia Concepts

Publishing Content






- There can be any number of subscribers
- Content is ‘published’ by ‘activating’ new or updated content from the author environment to its subscriber(s)

Magnolia Concepts

Publishing Content

Activation Status Color Scheme



Color		Meaning
green		the page has been activated before, and therefore is visible on the public instance. The page content and settings on author and public instance are the same.
yellow		the page has been activated before, and therefore is visible on the public instance. But the page has been changed after the last activation.
red		the page is not activated (i.e. e. visible) on the public instance.

Magnolia Concepts

File System



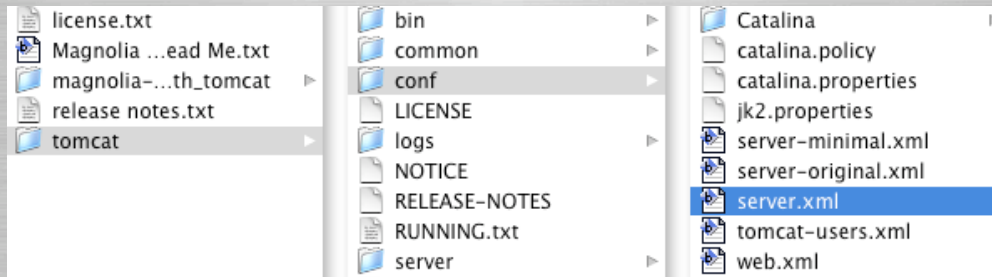
- Tomcat Configuration
- Docroot
- Templating

These processes are managed using the file system.

All other Administrative tasks are done in a browser inside AdminCentral.

Magnolia Concepts

File System - Configuring Tomcat

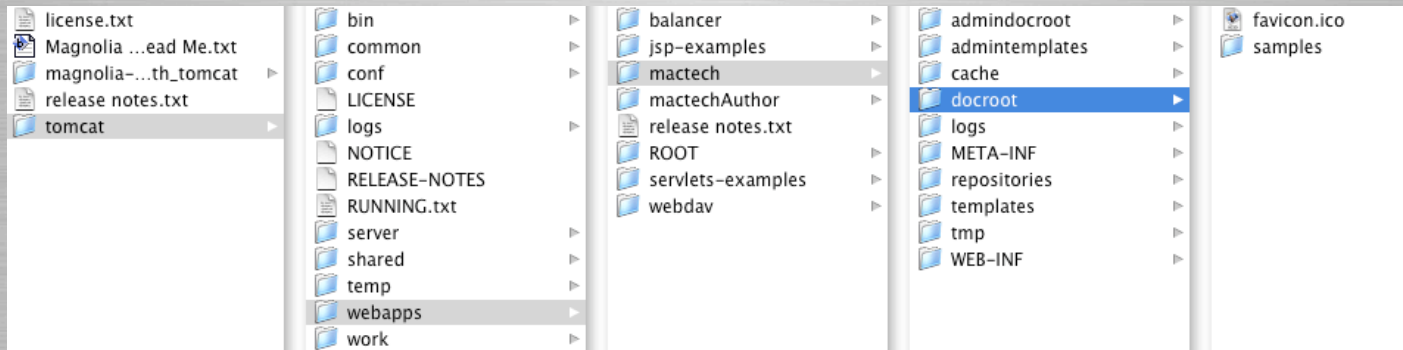


- Configure Ports
- Define Services
- Establish Tomcat Users

No Admin user in default config (tomcat-users.xml)

Magnolia Concepts

File System - Understanding Docroot

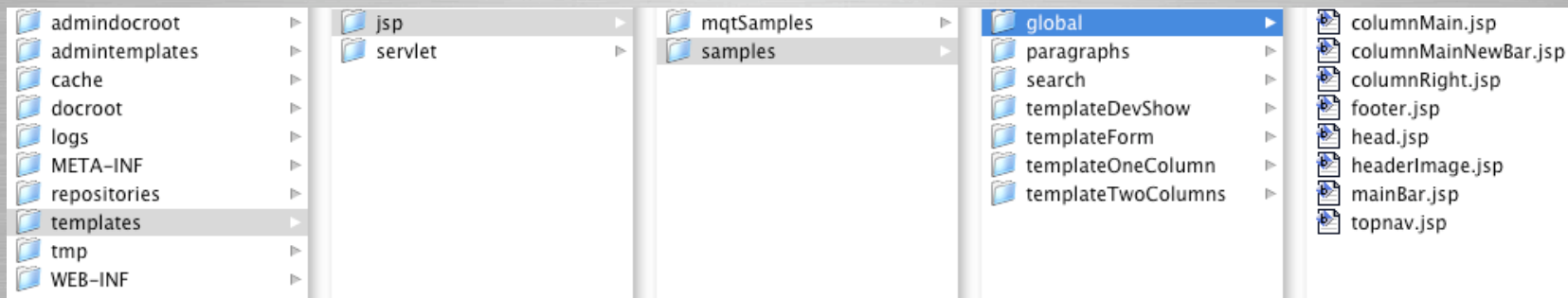


Used for files that must be accessed via standard web mechanisms (static links)

- Exists outside of Magnolia code
- Not published during activation
- Relative to webapp (<http://myserver.com/docroot/>)

Magnolia Concepts

File System - Templating

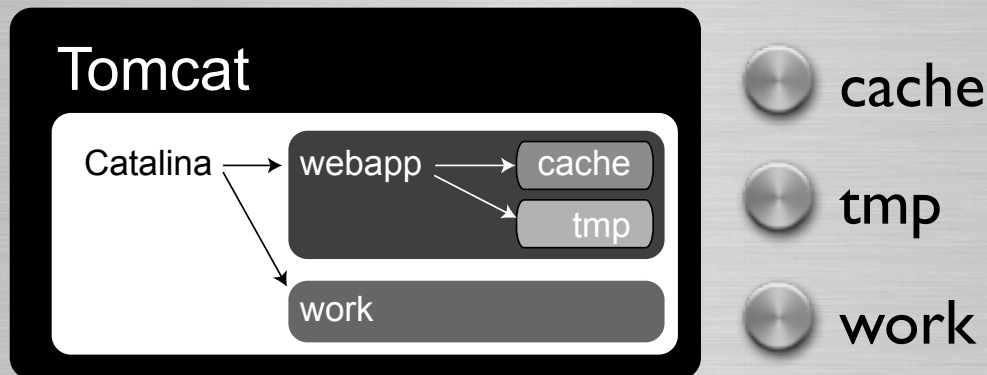


- JSP, JSPX, or Servlet (choose one)
- Must be manually copied to other instances
- Tomcat uses file modification date to establish current version

Magnolia Concepts

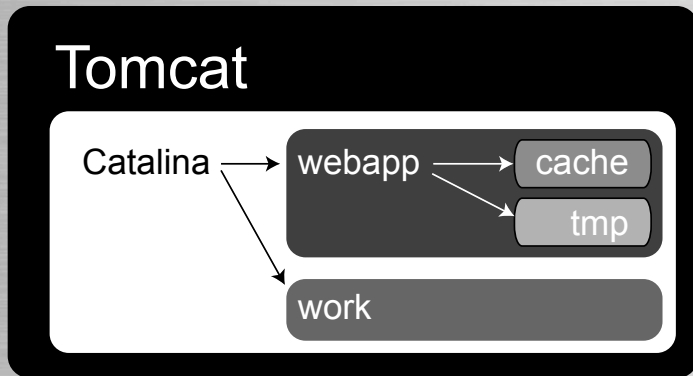
Cache, tmp, and work Folders

The Tomcat Application server generates data in the following locations as you work:



Magnolia Concepts

Cache, tmp, and work Folders



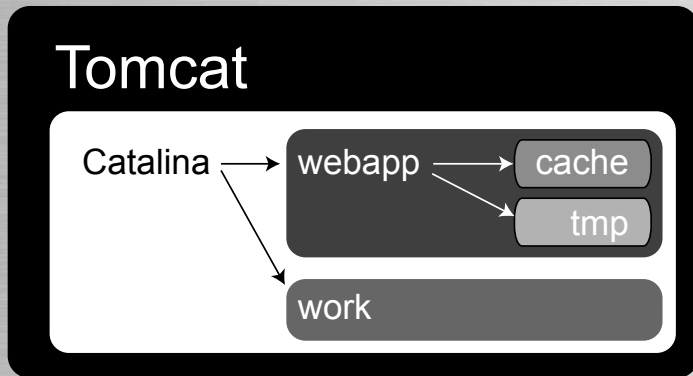
cache

- Pages rendered as HTML in this folder automatically when you visit them in a web browser
- Cached pages are delivered much faster to visitors than pages that have not yet been cached

LOCATION: /tomcat/webapps/mactech/cache/

Magnolia Concepts

Cache, tmp, and work Folders



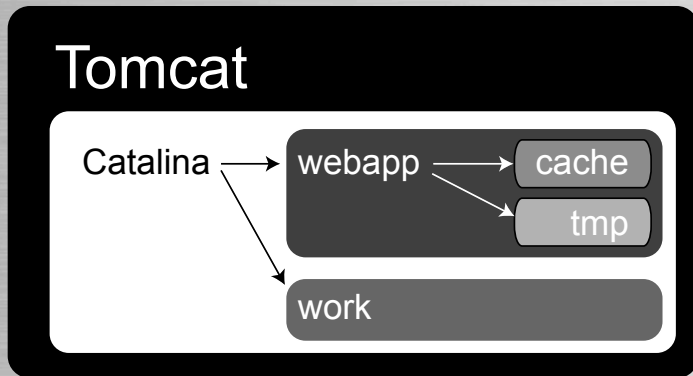
tmp

- files and media are temporarily stored here during editing operations in AdminCentral

LOCATION: /tomcat/webapps/mactech/tmp/

Magnolia Concepts

Cache, tmp, and work Folders



work

- JSPs and content are compiled here as Java
- Will remain in synch with webapp as long as webapp files have the most recent modification date

LOCATION: /tomcat/work/

Magnolia Concepts

Logs

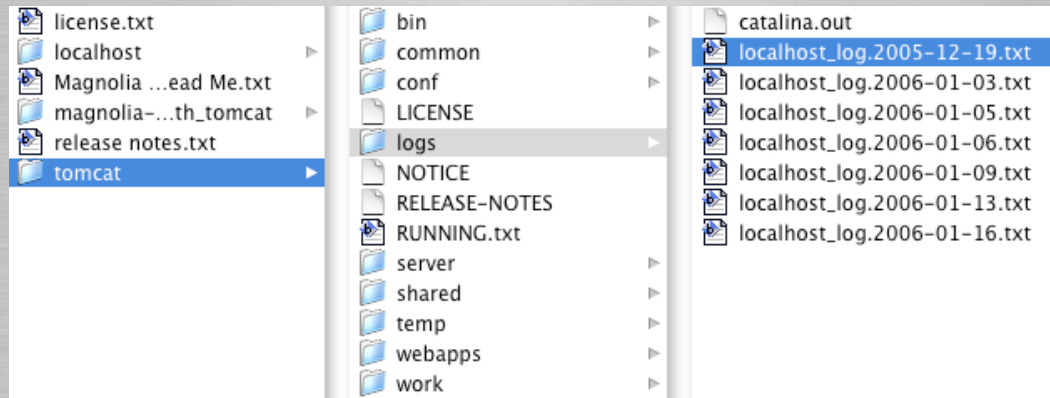


There are two types of logs to be aware of when troubleshooting services:

- Tomcat-related logs
- Webapp-related logs

Magnolia Concepts

Logs - Tomcat-related Logs

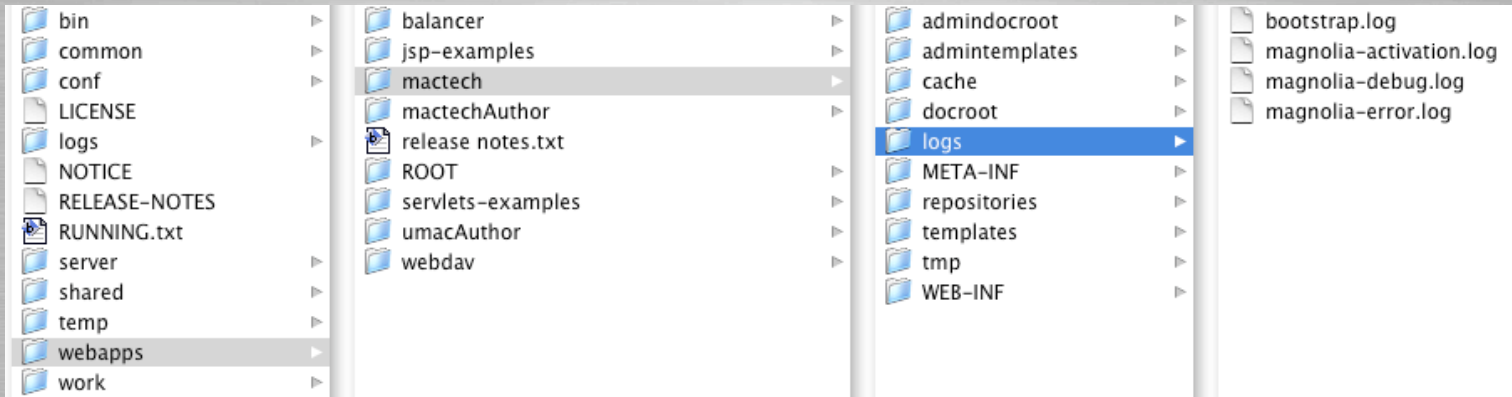


Tomcat-related Logs

- catalina.out
- PATH: /tomcat/logs/catalina.out

Magnolia Concepts

Logs - Webapp-related Logs



Webapp-related Activity Specific Logs

- PATH: /tomcat/logs/catalina.out

Magnolia Concepts

Templating

Templates exist on two levels:

- Page Templates
- Paragraph Templates



Magnolia Concepts

Templating - Page Templates

```
<jsp:root version="1.2" xmlns:jsp="http://java.sun.com/JSP/Page" xmlns:cms="urn:jsptld:cms-taglib"
xmlns:cmsu="urn:jsptld:cms-util-taglib" xmlns:c="urn:jsptld:http://java.sun.com/jsp/jstl/core">
<jsp:directive.page contentType="text/html; charset=UTF-8" />
<jsp:text> <![CDATA[<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd"> ]]> </jsp:text>
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<c:import url="/templates/jsp/samples/global/head.jsp" />
</head>
<body>
<c:import url="/templates/jsp/samples/global/mainBar.jsp" />

<div id="contentDivMainColumn">
<c:import url="/templates/jsp/samples/global/columnMain.jsp" />
<c:import url="/templates/jsp/samples/global/columnMainNewBar.jsp" />
<c:import url="/templates/jsp/samples/global/footer.jsp" />
</div>
<div id="contentDivRightColumn">
<c:import url="/templates/jsp/
global
paragraphs
search
templateDevShow
templateForm
templateOneColumn
templateTwoColumns
columnMain.jsp
columnMainNewBar.jsp
columnRight.jsp
footer.jsp
head.jsp
headerImage.jsp
mainBar.jsp
topnav.jsp" />
</div>
<c:import url="/templates/jsp/samp
<cmsu:simpleNavigation />
</body>
</html>
</jsp:root>
```

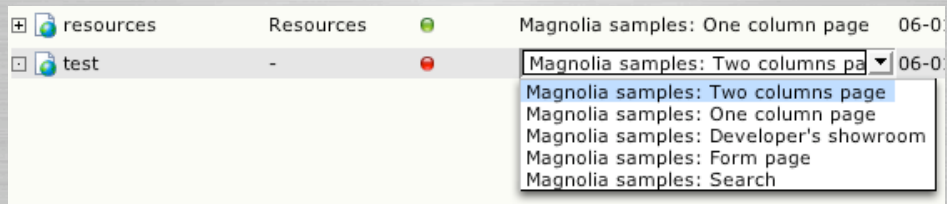
Page Templates commonly include:

- HTML head
- CSS includes
- Javascript
- Navigation

Magnolia Concepts

Templating - Page Templates

When a Magnolia user creates a new page, they will have a choice of available page templates in a dialog window.



The available choices are a configuration issue and are defined in the “Config” repository.

<AdminCentral://config/modules/templating/Templates>

Magnolia Concepts

Templating - Paragraph Templates

Paragraph Templates define the layout and functionality of paragraphs.

```
<jsp:root version="1.2" xmlns:jsp="http://java.sun.com/JSP/Page"
  xmlns:cms="urn:jsptld:cms-util-taglib" xmlns:c="urn:jsptld:
  <cms:ifNotEmpty nodeDataName="image">
    <cms:setNode var="imagedata" />
    <c:set var="imageurl">
      <cms:out nodeDataName="image" />
    </c:set>
    
    <h2><cms:out nodeDataName="title" /><
  </cms:ifNotEmpty>
  <cms:out nodeDataName="text" />

</jsp:root>
```

Select a type for the new paragraph

Samples: Text and image paragraph
Paragraph with title, text and image

Samples: Download paragraph
Upload a file

Samples: Link paragraph
Set an internal or external link

Samples: Table paragraph
Draw and configure a table

MagnoliaQT Image
Select a image from your magnoliaQT collection to publish

MagnoliaQT Movie
Select a movie from your magnoliaQT collection to publish

MagnoliaQT Sound
Select a soundfile from your magnoliaQT collection to publish

Edit Move

Introduction

We have documentation covering Mac OS X and Mac OS 9 so
Apple & third-party companies. To view documentation click

Edit Move



[Apple & Third-Party Hardware](#)

Magnolia Concepts

AdminCentral



GUI tools for site administration, configuration, and content authoring.

Magnolia Concepts

You are logged in as Chems Touati



Mac Managers

Website

Preview Site

Tomcat Manager

MagnoliaQT

Users

Roles

Config

About Magnolia

	Title		Template	Mod. date
⊕	home	Home	●	Magnolia samples: OI 05-11-10, 00:13
⊖	documentation	Documentation	●	Magnolia samples: OI 05-11-13, 12:55
⊕	hardware	Hardware	●	Magnolia samples: OI 05-11-17, 09:59
⊕	mac_os_9	Mac OS 9	●	Magnolia samples: OI 05-11-18, 09:16
⊕	mac_os_x	Mac OS X	●	Magnolia samples: OI 05-11-17, 09:59
⊕	whats_new	What's New	●	Magnolia samples: OI 06-01-16, 22:39
⊖	mail	Mail List	●	Magnolia samples: OI 05-11-10, 08:47
⊕	meetings	Meetings	●	Magnolia samples: OI 06-01-15, 13:06
⊕	presentations	Presentations	●	Magnolia samples: OI 05-11-13, 13:20
⊕	resources	Resources	●	Magnolia samples: OI 05-11-04, 15:46
⊖	training	Training	●	Magnolia samples: OI 06-01-06, 09:01
⊕	help	Help	●	Magnolia samples: OI 05-11-04, 15:46

/home

Magnolia Concepts

AdminCentral

- For both Author and Public site
- Author Instance defaults to AdminCentral
- To change default page:
 - AdminCentral://config/modules/adminInterface/VirtualURIMapping/default
- AdminCentral is disabled for Public Instance
 - URL: <http://mysite.com/webapp/.magnolia>

Magnolia Deployment



- ➊ Magnolia Distributions
- ➋ MagnoliaQT
- ➌ Java HOME and Catalina HOME
- ➍ Startup Script
- ➎ StartupItem
- ➏ Launching the CATALINA Service

Magnolia Deployment

Magnolia Distributions



The screenshot shows the SourceForge project page for Magnolia Content Management System. The page includes a navigation bar with links for SF.net, Projects, My Page, and Help. Below the navigation bar, there are links for Software Map, Create Project, New Releases, Top Projects, New Projects, and Help Wanted. The main content area features a breadcrumb trail: SF.net » Projects » Magnolia Content Management System » Files. The title is "Magnolia Content Management System", and there are links for Summary, Admin, Home Page, Forums, Tracker, Patches, Mail, Screenshots, News, and Files. A section titled "About Magnolia Content Management System" describes it as a free, open source, Java based, J2EE deployable CMS. Below this is a "Latest File Releases" section with a table of releases.

Package	Release	Date	Notes / Monitor	Downloads
magnolia	magnolia 2.1.3	October 20, 2005	-	Download
magnoliaQT	magnoliaQT_beta_3	September 21, 2005	-	Download
magnolia source-code	magnolia 2.1.3	October 20, 2005	-	Download

Magnolia Deployment

Tomcat Bundle or WAR Files?

Tomcat Bundle

- magnolia-2.1.3_with_tomcat.zip

WAR Files

- magnolia-2.1.3_war_files.zip
 - For deployment on different J2EE Application Server
 - Jetty
 - Jonas
 - JBoss

Magnolia Deployment

MagnoliaQT - Magnolia for Digital Media



magnoliaQT makes heavy use of the QuickTime for Java libraries, a collection of API's that allow access to the powerful multimedia-capabilities of Apple's QuickTime Software through the Java language.

Magnolia Deployment

MagnoliaQT - About



MagnoliaQT is a diploma project by Thomas Martin



He had assistance integrating the QuickTime for Java libraries from Anthony Rogers, the co-author of QuickTime and QuickTime for Java at Apple



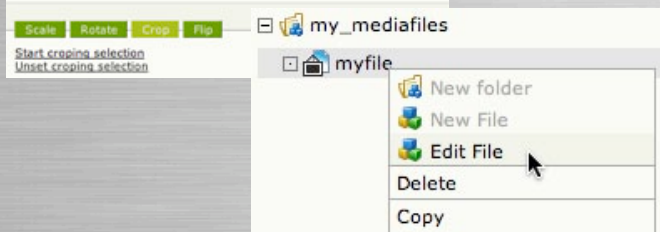
Magnolia Deployment

MagnoliaQT - Technology



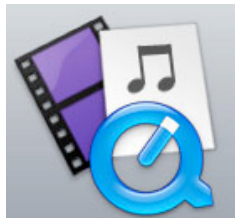
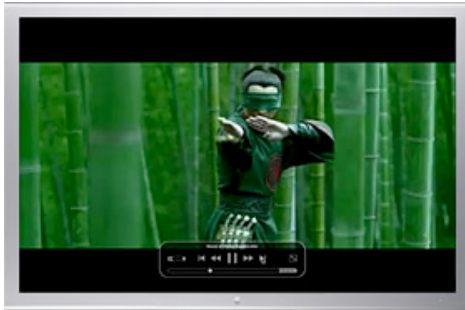
The integration QuickTime and Magnolia creates the possibility to edit images, movies, and audio files directly in a web browser.

This shortens the pipeline for publication of multimedia content.



Magnolia Deployment

MagnoliaQT - Editing Functions

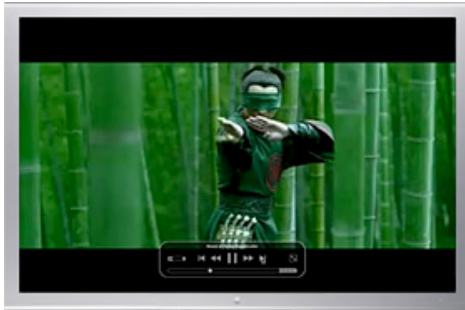


Images

- Scale
- Rotate/Flip
- Crop
- Compression

Magnolia Deployment

MagnoliaQT - Editing Functions

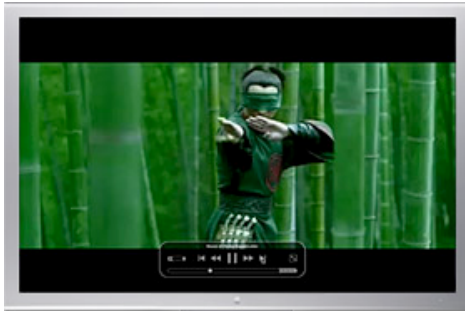


Movies

- Scale
- Rotate/Flip
- Cut (Set In and Out Point)
- Add/Delete Tracks
- Compression

Magnolia Deployment

MagnoliaQT - Editing Functions

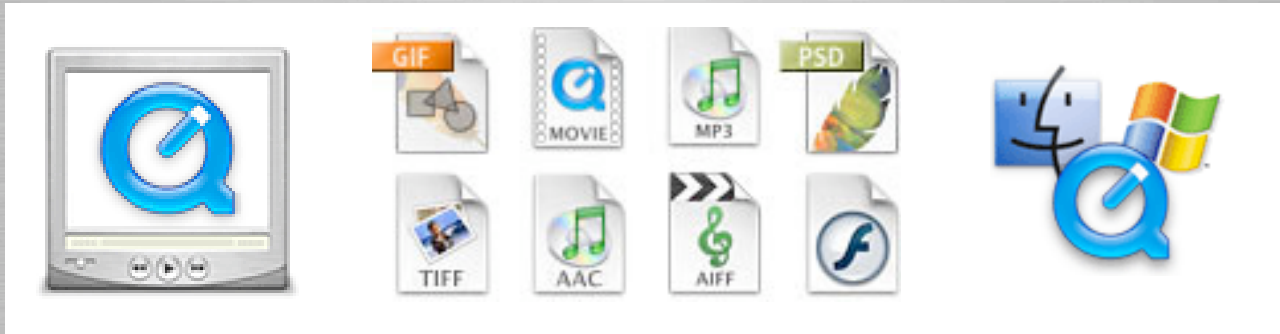


Audio

- Cut (Set In and Out Point)
- Compression

Magnolia Deployment

MagnoliaQT - File Formats



 Any Format Supported By QuickTime

Magnolia Deployment

Defining Java Home and Catalina Home Variables



● JAVA Home

- `export JAVA_HOME="/Library/Java/Home"`

● Catalina Home

- `export CATALINA_HOME="/Path/to/tomcat/"`

Magnolia Deployment

Startup Script

```
#!/bin/sh
#
# Start Magnolia.
#

. /etc/rc.common

export JAVA_HOME="/Library/Java/Home"
export CATALINA_HOME="/path/to/tomcat/"

StartService ()
{
    sh -c "$CATALINA_HOME/bin/startup.sh www"
}

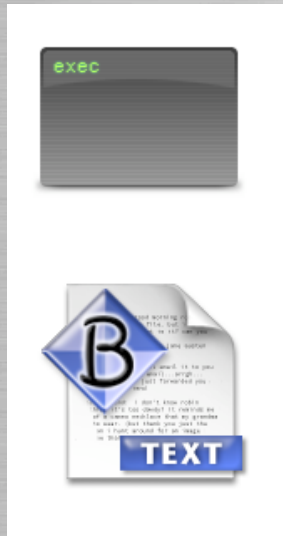
StopService ()
{
    sh -c "$CATALINA_HOME/bin/shutdown.sh www"
}

RestartService ()
{
    StopService;
    StartService;
}

RunService "$@"
```

Magnolia Deployment

StartupItem



- Magnolia (Startup Script)
- StartupParameters.plist

```
StartupParameters.plist
{
  Description = "Magnolia web server";
  Provides = ("Magnolia");
  Uses = ("Disks", "NFS");
}
```

PATH: /Library/StartupItems/Magnolia

Magnolia Deployment

Launching the Catalina Service



Command Line:

```
/Library/StartupItems/Magnolia/Magnolia start
```

Magnolia Customization



- Magnolia OSX Installer
- Upgrading to New Versions
- Support

Magnolia Customization

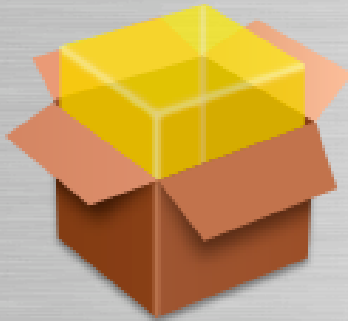
Magnolia OSX Installer

- Created to simplify the install and configuration process of Tomcat, Magnolia, and MagnoliaQT in OS X.



Magnolia Customization

Magnolia OSX Installer



Package Installs:

- Tomcat 5
- Magnolia 2.1.3
- Magnolia for QuickTime Beta 3
- Magnolia StartupItem for OSX

Magnolia Customization

Magnolia OSX Installer



Installation and Startup For Magnolia OSX

- Run the Magnolia OSX.pkg installer
- Restart
- Visit Magnolia OSX in a browser:
 - PUBLIC INSTANCE: <http://localhost:8081/magnoliaQT>
 - AUTHOR INSTANCE: <http://localhost:8081/magnoliaAuthor>
 - Login: superuser
 - Password: superuser

Magnolia Customization

Upgrading to New Versions



- Deploy New Version
- Configure as a Subscriber
- Activate Content
- Copy Templates, CSS, and docroot

Magnolia Customization

Upgrading - Deploy



Deploy Newest Version of Magnolia

Magnolia Customization

Upgrading - Configure

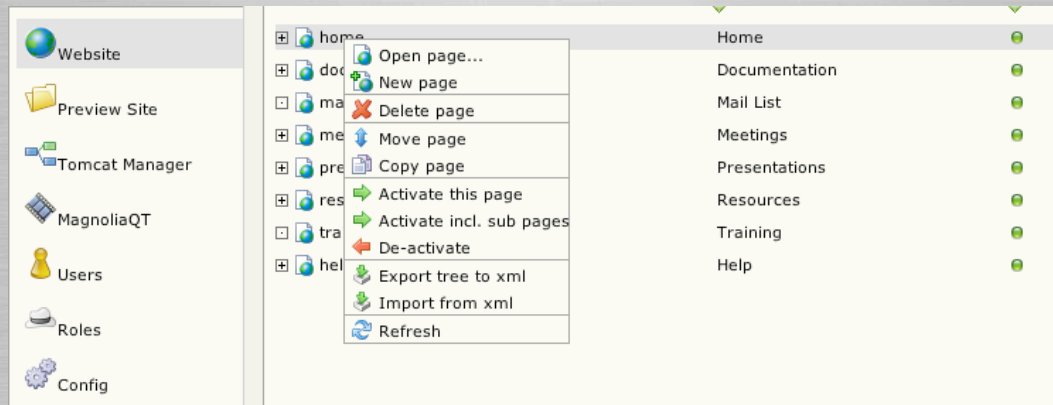
Preview Site	subscribers			
Tomcat Manager	SubscriberConfig			
MagnoliaQT	0001			
Users	Context			
Roles	active	true	String	-
Config	address	magnolia1.scl.utah.edu:/umac	String	-
	senderURL	http://magnolia2.scl.utah.edu/umacAuthor/	String	-
	protocol	http	String	-
	requestConfirmation	true	String	-

Configure New Instance as a Subscriber

- AdminCentral://subscribers/SubscriberConfig/0001/address

Magnolia Customization

Upgrading - Activate

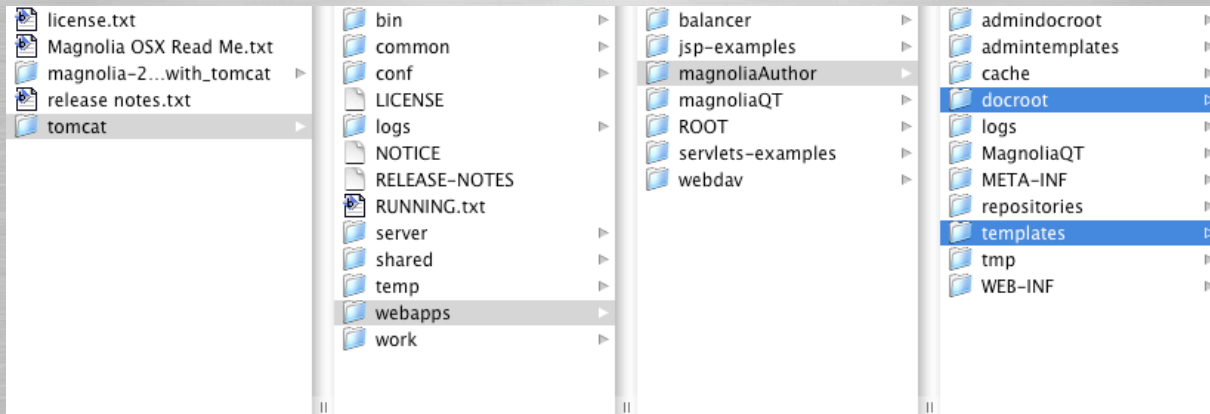


Activate Content to New Author Instance

- Roles
- Users
- Pages

Magnolia Customization

Upgrading - Copy Files



Copy Files to both Author and Public

- /tomcat/webapps/magnolia/docroot/
- /tomcat/webapps/magnolia/templates/

Magnolia Customization

Support



WIKI

- <http://www.magnolia.info/wiki>



Magnolia User List

- <http://www.mail-archive.com/user-list%40magnolia.info/>



Magnolia Developer List

- <http://www.mail-archive.com/dev-list%40magnolia.info/>

Magnolia Customization

Support

FAQs

- NewbiePerspective
 - <http://www.magnolia.info/wiki/Wiki.jsp?page=NewbiePerspective>
- Renaming magnoliaAuthor
 - <http://www.mail-archive.com/user-list@magnolia.info/msg01829.html>
- Set up 404 page
 - <http://www.magnolia.info/wiki/Wiki.jsp?page=Setup404Handler>



Questions & Answers

Any questions or answers?

