**Sydney Water**

**Website Rebuild Project (20024737)**

***Application Design Document***

**v1.5 - August 02, 2012**

**Prepared By**



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Contents

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# Document Information

## Document Authors

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## Document Versions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Position** | **Version** | **Date** | **Notes** |
| Jon Chartrand | Solution Architect | 0.1 | June 04, 2012 | Initial Outline |
| Matt Lawrence | Development Lead | 0.2 | June 08, 2012 | Design population |
| Jon Chartrand | Solution Architect | 0.3 | June 12, 2012 | Continued Design |
| Jon Chartrand | Solution Architect | 0.5 | June 15, 2012 | Working Revision |
| Jon Chartrand | Solution Architect | 0.7 | June 22, 2012 | Continued Design |
| Jon Chartrand | Solution Architect | 1.0 | June 29, 2012 | 1.0 Release |
| Jon Chartrand | Solution Architect | 1.1 | July 10, 2012 | Update to RSS, CSPs |
| Jon Chartrand | Solution Architect | 1.2 | July 13, 2012 | Update to WF, various edits |
| Jon Chartrand | Solution Architect | 1.3 | July 20, 2012 | Update to apps, various edits |
| Jon Chartrand | Solution Architect | 1.4 | July 24, 2012 | RSS, page creation |
| Jon Chartrand | Solution Architect | 1.5 | Aug 02, 2012 | Updates based on SW review |
|  |  |  |  |  |

# Purpose and scope of this document

The purpose of this document is to distil many years’ worth of documentation, requirements, and use cases into a holistic plan of action for the implementation of the Sydney Water Website Rebuild Project and its integration with the existing iConnect environment. This holistic design encompasses both Sydney Water Public (SWP) and Sydney Water Emergency (SWE) websites and details necessary additions to the environments for coexistence with the iConnect intranet. There will be further iterations of this document (or new ADD’s) specific to the application design for additional services as and when required.

## Document audience

This document is targeted primarily at Website Rebuild Project implementers. Business representatives, Sydney Water’s Web Content Management System Team, Online and Content Teams and SWIM Service Integrators will also find value in the contents but the material is primarily geared towards implementation.

## Overview

This document covers design of both “Workstream 1” and “Workstream 2” actions from a WebCenter Content perspective.

## Document References

| **Document Name** | **File Name** | **Type** | **Pg.** | **Author** |
| --- | --- | --- | --- | --- |
| SW Website Design Principles V2.6 |  | DOC |  | Squiz |
| Website Rebuild Metadata Model v0.4 | 20024737\_WRP\_MetadataModel\_v0.4 | XLS |  | ASG |
| Website Rebuild Security Model v0.2 | 20024737\_WRP\_SecurityModel\_v0.2 | XLS |  | ASG |
| ADD - Site Studio Detailed Design v1.3 | 20024737\_WRP\_SiteStudioDesign\_v1.5 | DOC | 119 | ASG |
| ADD - Content Application Design v1.3 | 20024737\_WRP\_ContentAppDesign\_v1.5 | DOC | 80 | ASG |
| Architecture Solution Design | WRP-Arch Solution Design v1-01-20120620 | DOC | 134 | SW |
| Detailed Requirements Specification | 20024737 Sydney Water Website Rebuild DRS V1.3A | DOC | 164 | SW |

# Items Still Needed From Sydney Water

* Answers on missing details for Book a Tour application.
* List of SWP content owners and their usernames.
* Field values for External Source metadata value (SWIM DM, etc)
* Field values for External Source Owner (from SWIM DM)

# WCC Configuration Variables

## Existing Configuration Variable Changes

### AutoNumberPrefix

This configuration requires altering to cater for the new Sydney Water public web content. Currently all CDF files are created with the prefix ICONN\_CDF\_DD. This is an inappropriate prefix for Sydney Public site content. The prefix for the various content types needs to be as follows:

|  |  |
| --- | --- |
| **Rule** | **Prefix** |
| Website = SW and object Type = Data File | SWP\_CDF\_<instance name> |
| Website = SW and Doc Type = UncontrolledMediaAsset | SWP\_UMA\_<instance name> |
| Website = SW and Doc Type = UncontrolledDocument | SWP\_UD\_<instance name> |

*The IDOC script in the config.cfg needs to be updated to reflect the above configuration.*

## New Configuration Variables

### SSUrlFieldName

This configuration variable needs to be added. Its purpose is to identify the metadata field being used for friendly url names. The entry in the config.cfg should be as follows:

*SSUrlFieldName=FriendlyUrl*

### sesEndPoint

This configuration field identifies the Oracle Secure Enterprise Search API end point.

This configuration value is directly referenced in the code for the search templates.

The entry in the config.cfg will depend on the environment and the final installations of Oracle SES. Please note that due to Cross Domain restrictions with JavaScript the end point should be the same domain name and port number the site is being hosted on. This may require proxy passes to be configured.

*sesEndPoint=<value>*

# Workflow

## Overview

To provide a better understanding of the specific details included in this document, a brief overview of WebCenter Content workflow is included in this section.

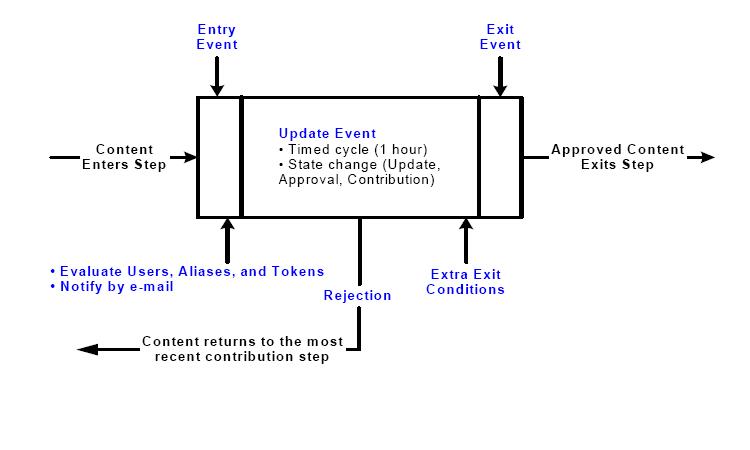
A workflow establishes an approval process for content. It is used to specify how content is routed for review, approval, and release to the system. There are two basic types of workflows:

1. A criteria workflow is used for content that automatically enters based on metadata values that matches predefined criteria;
2. A basic workflow defines the manually initiated review process for specific content items.

Here are basic terminologies which will be used throughout this section:

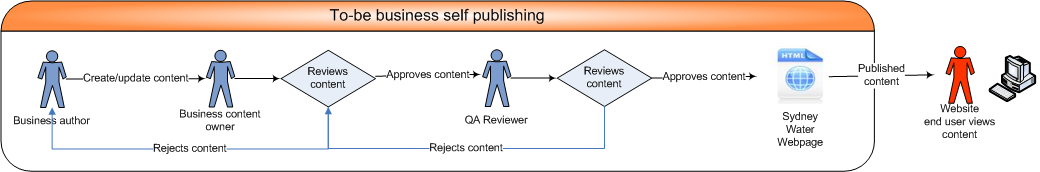
* **Sub-Workflows**: Criteria workflows that can be called by other workflows
* **Alias**: A group of users defined by an alias. It is considered best practice to leverage alias lists rather than hard-coding users as members of a workflow.
* **Tokens**: Variables that can be used to designate unknown users for assignment to workflow steps in an ad hoc fashion.
* **Exit Conditions**: Criteria that must be met for the content item to move onto the next step in a workflow.
* **Jumps**: Jumps are used to route content to other steps in the workflow or to sub-workflows.
* **Events**
  + *Entry Event*: Triggered when content enters a workflow step. If the entry event script does not result in a jump or exit, email notifications are sent to the appropriate users, aliases, and evaluated tokens.
  + *Update Event*: Triggered at various points as content is in a workflow step, such as hourly, or during check in of the revision. Extra edit conditions are evaluated each time the update event script is evaluated. This step will trigger the time-based notifications and operations mentioned in this design.
  + *Exit Event*: Triggered when the workflow step’s approval requirements and extra exit conditions are met. Metadata updates can be performed here to capture information needed for the next step in the workflow or before the content item is released.

Below is a diagram of a workflow step broken down into its separate pieces:



## Public Site Web Content Workflow

**Simple Outline** (DRS v1.3, p29)



**Detailed Diagram:**



### Workflow, Business, and WCC Roles

| **Business Role** | **WCC Role** | **Purpose** |
| --- | --- | --- |
| Author | SWP\_AUTHOR | The author role corresponds to read (R) and write (W) permission on the contribution server; This enables these users to search for, view, check in, and check out content, which are assigned to these groups. |
| Owner | SWP\_REVIEWER | The owner role corresponds to read (R) and write (W) permission on the contribution server; This enables these users to search for, view, check in, and check out content, which are assigned to these groups.  Provides approval within the workflow. |
| QA Approver | SWP\_REVIEWER | The QA approver role corresponds to read (R) and write (W) permission on the contribution server; This enables these users to search for, view, check in, and check out content, which are assigned to these groups.  Provides approval within the workflow.  Provides approval to publish content.  Can publish content. |
| External user | guest | Views and/or downloads internet content. |

### Workflow Exceptions

Some content contributed to the site by an author will bypass the standard workflow process and will publish without that oversight. These instances are rare exceptions and their criteria and reasoning is outlined below. Applications integrated into the site will utilise the workflow process unless specifically excluded or their methodology does not utilise content (i.e.: database).

|  |  |  |
| --- | --- | --- |
| **Exception** | **Criteria** | **Reason** |
| Homepage Vertical Carousel | CDF / Region Definition | Frequent publish, oversight not necessary |
| Contract Register | N/A | Database application |
| Accredited plumber register | N/A | Database application |
| Drinking water use reporting | N/A | Database application |
| Drinking water quality reporting | N/A | Database application |
| Tenders | N/A | Database application |
| North Side storage tunnel | N/A | Database application |
|  |  |  |

### Workflow Delegation

#### Authors

Authors cannot delegate their workflow responsibilities since those responsibilities are only activated at the time of authoring and are required to pass the content to the owner. If an author is out, unavailable, or no longer with the company authorship for the next revision simply passes to another employee.

#### Owners

Owners may delegate their workflow responsibility by adding an appropriate username into their WCC profile. This is the same procedure that is in use for iConnect. When an appropriate username is provided, the workflow process will locate it, match it, and add that delegated person to the Owner workflow step. *This is not a replacement of workflow responsibilities - this is in-addition.* Both original owner and delegated owner will be included in the workflow notifications but only one owner is required to approve the content item to have it pass to the QA Reviewers.

#### QA Reviewers

QA Reviewers may delegate their workflow responsibilities. The process is different as this will be infrequent and have a greater impact. QA Reviewers are provided to the workflow in a WCC Alias. This alias can be edited at any time by a user with appropriate administration privileges. Delegation in this case is more "group editing" than actual delegation. The QA Reviewers simply need to request of the administrative user that a new username is added to the alias. All current and subsequent workflow assignments will have this new username appended to the responsibility.

### Workflow Definition

The web content workflow for the public site is a single-stream process designed to allow vetting and reviewing of content data files being submitted and edited for consumption by the public. The process is not designed to include vetting or reviewing of materials which have been previously processed by the Sydney Water Document Management (SWIM DM) system. Due to their published nature, these materials have already run the approval gauntlet to conclusion on that system. As such, the criteria for this workflow is designed to capture only Content Data Files assigned to the *PublicWebContent* security group.

| **Field** | **Value** |
| --- | --- |
| Workflow Name | publicWebWF |
| Description | Public website workflow |
| Security Group | PublicWebContent |
| Original Author Edit Rule | Edit Revision |
| Use Template |  |
| Has Criteria Definition | Y |
| Field | xWebsiteObjectType |
| Value | Data File |

### Workflow Steps Outline

|  |  |  |  |
| --- | --- | --- | --- |
| **Workflow Step** | **Number** | **Type** | **Approvers** |
| Entry | N/A | N/A - Content enters workflow process. | N/A |
| Author | 1 | Review/New Revision | 1 |
| Owner | 2 | Review/New Revision | 1 |
| QAReview | 3 | Review/Edit Revision | 1 |
| Publish | N/A | N/A - Content exists workflow process. | N/A |

### Workflow Steps Breakdown

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step Number** | 1 | | | | | | |
| **Name** | Author | | | | | | |
| **Description** | Author | | | | | | |
| **Type** | Users can review the current revision or create new revisions | | | | | | |
| **Users** | WorkflowAdministrator  tokenAuthor | | | | | Alias  Token | |
| **Exit Conditions** | N | All reviewers | | Y | At least this many reviewers | | 1 |
| Use Additional Exit Condition | |  | | | | |
| **Event: Entry** |  | | | | | | |
| **Event: Update** | //Send an update message if item halted  <$ wfSet("wfSetIsNotifyingUsers", "0")$>  <$ if parseDate(wfCurrentGet("lastEntryTs")) < dateCurrent(-4)$>  <$ currinterval = wfGet("xAuthorInterval")$>  <$ if not currinterval$>  <$ currinterval = 24$>  <$else$>  <$ currinterval = currinterval + 1$>  <$endif$>  <$ wfSet("xAuthorInterval",currinterval)$>  <$ a = currinterval%24$>  <$ if a == 0$>  <$ LastDate = formatDateWithPattern(wfCurrentGet("lastEntryTs"),"dd/MM/yyyy HH:mm")$>  <$ wfMailSubject="File <$dDocTitle$> needs your attention."$>  <$ wfMessage="<font color=red><$dDocName$> needs your immediate attention. It has been pending in your queue since <$LastDate$>.</font>"$>  <$ wfNotify("tokenAuthor","token")$>  <$ wfSet("wfJumpEntryNotifyOff","0")$>  <$endif$>  <$endif$> | | | | | | |
| **Event: Exit** | [[SCRIPT FOR xSWPriority AND xRegionDefinition CHECK FOR WORKFLOW EXCEPTION]] | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step Number** | 2 | | | | | | |
| **Name** | Owner | | | | | | |
| **Description** | Owner | | | | | | |
| **Type** | Users can review the current revision or create new revisions | | | | | | |
| **Users** | WorkflowAdministrator  tokenSWContentOwners  tokenSWDelegatedContentOwners | | | | | Alias  Token  Token | |
| **Exit Conditions** | Y | All reviewers | | N | At least this many reviewers | | 0 |
| Use Additional Exit Condition | |  | | | | |
| **Event: Entry** | <$if dRevLabel like "1"$>  <$if wfAction and wfAction like "REJECT"$>  <$else$>  <$wfSet("wfJumpEntryNotifyOff,"1")$>  <$wfExit(100,100)$>  <$endif$>  <$else$>  <$wfSet("wfJumpTargetStep", "QAReview@publicManagedWF")$>  <$wfSet("wfJumpEntryNotifyOff", "1")$>  <$endif$> | | | | | | |
| **Event: Update** | //Send an update message if item halted  <$ wfSet("wfSetIsNotifyingUsers", "0")$>  <$ if parseDate(wfCurrentGet("lastEntryTs")) < dateCurrent(-4)$>  <$ currinterval = wfGet("xAuthorInterval")$>  <$ if not currinterval$>  <$ currinterval = 24$>  <$else$>  <$ currinterval = currinterval + 1$>  <$endif$>  <$ wfSet("xAuthorInterval",currinterval)$>  <$ a = currinterval%24$>  <$ if a == 0$>  <$ LastDate = formatDateWithPattern(wfCurrentGet("lastEntryTs"),"dd/MM/yyyy HH:mm")$>  <$ wfMailSubject="File <$dDocTitle$> needs your attention."$>  <$ wfMessage="<font color=red><$dDocName$> needs your immediate attention. It has been pending in your queue since <$LastDate$>.</font>"$>  <$ wfNotify("tokenSWContentOwners","token")$>  <$ wfNotify("tokenSWDelegatedContentOwners","token")$>  <$ wfSet("wfJumpEntryNotifyOff","0")$>  <$endif$>  <$endif$> | | | | | | |
| **Event: Exit** | [[SCRIPT TO UPDATE xLastReviewer WITH USERNAME OF OWNER WHO APPROVED]] | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step Number** | 3 | | | | | | |
| **Name** | QAReview | | | | | | |
| **Description** | QA Review | | | | | | |
| **Type** | Users can review and edit (replace) the current revision | | | | | | |
| **Users** | WorkflowAdministrator  SWP\_QAReviewers | | | | | Alias  Alias | |
| **Exit Conditions** | N | All reviewers | | Y | At least this many reviewers | | 1 |
| Use Additional Exit Condition | |  | | | | |
| **Event: Entry** |  | | | | | | |
| **Event: Update** | //Send an update message if item halted  <$ wfSet("wfSetIsNotifyingUsers", "0")$>  <$ if parseDate(wfCurrentGet("lastEntryTs")) < dateCurrent(-4)$>  <$ currinterval = wfGet("xQAInterval")$>  <$ if not currinterval$>  <$ currinterval = 24$>  <$else$>  <$ currinterval = currinterval + 1$>  <$endif$>  <$ wfSet("xAuthorInterval",currinterval)$>  <$ a = currinterval%24$>  <$ if a == 0$>  <$ LastDate = formatDateWithPattern(wfCurrentGet("lastEntryTs"),"dd/MM/yyyy HH:mm")$>  <$ wfMailSubject="File <$dDocTitle$> needs your attention."$>  <$ wfMessage="<font color=red><$dDocName$> needs your immediate attention. It has been pending in your queue since <$LastDate$>.</font>"$>  <$ wfNotify("SWP\_QAReviewers","alias")$>  <$ wfSet("wfJumpEntryNotifyOff","0")$>  <$endif$>  <$endif$> | | | | | | |
| **Event: Exit** | [[SCRIPT TO UPDATE xLastQAReviewer WITH USERNAME OF QA WHO APPROVED]] | | | | | | |

### Aliases

| **Name** | **Description** |
| --- | --- |
| SWP\_QAReviewers | This is an alias for the corporate communications QA lead & second. |
| WorkflowAdministrator | For each step in workflow an additional alias of WorkflowAdministrator will be assigned to manage any problematic workflow processes. If a workflow step cannot be completed for any reason a member of the WorkflowAdministrator alias can be called upon to resolve the issue. |

### Tokens

#### Author

| **Field** | **Value** |
| --- | --- |
| Token Name | tokenAuthor |
| Description | The Author of the document |
| Users/Pseudo-Code/Code | <$ wfAddUser(dDocAuthor,"user")$> |

#### Content Owner(s)

| **Field** | **Value** |
| --- | --- |
| Token Name | tokenSWContentOwners |
| Description | Elected business representative(s) to review the document |
| Users/Pseudo-Code/Code | //Get ContentOwner(s) for the content item  <$ varDelegatedUser=""$>  <$ ownerUList = xSWContentOwner$>  <$ if strIndexOf(ownerUList, ",") gt -1$>  <$ rsMakeFromList("COU", ownerUList, "owner")$>  <$ loop COU$>  <$ wfAddUser(COU.owner, "user")$>  <$endloop$>  <$else$>  <$ wfAddUser(ownerUList, "user")$>  <$endif$>  <$ rsRemove("COU")$> |

#### Delegated Content Owner(s)

| **Field** | **Value** |
| --- | --- |
| Token Name | tokenSWDelegatedContentOwners |
| Description | Delegated business representative(s) to review the document |
| Users/Pseudo-Code/Code | [[Seek the user profile variable and add that username to the step.]] |

## Public Site Managed Content Workflow

### Workflow, Business, and WCC Roles

| **Business Role** | **WCC Role** | **Purpose** |
| --- | --- | --- |
| Author | SWP\_AUTHOR | The author role corresponds to read (R) and write (W) permission on the contribution server; This enables these users to search for, view, check in, and check out content, which are assigned to these groups. |
| Owner | SWP\_REVIEWER | The owner role corresponds to read (R) and write (W) permission on the contribution server; This enables these users to search for, view, check in, and check out content, which are assigned to these groups.  Provides approval within the workflow. |
| QA Approver | SWP\_REVIEWER | The QA approver role corresponds to read (R) and write (W) permission on the contribution server; This enables these users to search for, view, check in, and check out content, which are assigned to these groups.  Provides approval within the workflow.  Provides approval to publish content.  Can publish content. |
| External user | guest | Views and/or downloads internet content. |

### Workflow Exceptions

Some content contributed to the site by an author will bypass the standard workflow process and will publish without that oversight. These instances are rare exceptions and their criteria and reasoning is outlined below.

|  |  |  |
| --- | --- | --- |
| **Exception** | **Criteria** | **Reason** |
| Revision 1 | dRevisionLabel = 1 | First publish of a DM content item has already been through DM workflow. |
|  |  |  |

### Workflow Delegation

#### Authors

Authors cannot delegate their workflow responsibilities since those responsibilities are only activated at the time of authoring and are required to pass the content to the owner. If an author is out, unavailable, or no longer with the company authorship for the next revision simply passes to another employee.

#### QA Reviewers

QA Reviewers may delegate their workflow responsibilities. The process is different as this will be infrequent and have a greater impact. QA Reviewers are provided to the workflow in a WCC Alias. This alias can be edited at any time by a user with appropriate administration privileges. Delegation in this case is more "group editing" than actual delegation. The QA Reviewers simply need to request of the administrative user that a new username is added to the alias. All current and subsequent workflow assignments will have this new username appended to the responsibility.

### Workflow Definition

The managed content workflow for the public site is a single-stream process designed to allow reviewing of managed content files (PDF, DOC, JPG, etc) being submitted for consumption by the public. The criteria for this workflow is designed to capture content items assigned to the *PublicWebContent* security group and checked in with the "SW Asset (Managed)" profile.

| **Field** | **Value** |
| --- | --- |
| Workflow Name | publicManagedWF |
| Description | WF for SWIM DM and other managed content items |
| Security Group | PublicWebContent |
| Original Author Edit Rule | New Revision |
| Use Template |  |
| Has Criteria Definition | Y |
| Field | xProfileTrigger |
| Value | SWP\_Asset\_Managed |

### Workflow Steps Outline

|  |  |  |  |
| --- | --- | --- | --- |
| **Workflow Step** | **Number** | **Type** | **Approvers** |
| Entry | N/A | N/A - Content enters workflow process. | N/A |
| Author | 1 | Review/New Revision | 1 |
| Owner | 2 | Review/Edit Revision | 1 |
| QAReview | 3 | Review/Edit Revision | 1 |
| Publish | N/A | N/A - Content exists workflow process. | N/A |

### Workflow Steps Breakdown

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step Number** | 1 | | | | | | |
| **Name** | Author | | | | | | |
| **Description** | Author | | | | | | |
| **Type** | Users can review the current revision or create new revisions | | | | | | |
| **Users** | WorkflowAdministrator  tokenAuthor | | | | | Alias  Token | |
| **Exit Conditions** | N | All reviewers | | Y | At least this many reviewers | | 1 |
| Use Additional Exit Condition | |  | | | | |
| **Event: Entry** | <$if dRevLabel like "1"$>  <$if wfAction and wfAction like "REJECT"$>  <$else$>  <$wfSet("wfJumpEntryNotifyOff,"1")$>  <$wfExit(100,100)$>  <$endif$>  <$else$>  <$varDelegatedUser=""$>  <$dName=xSWContentOwner$>    <$executeService("SRV\_SW\_GETDELEGATEDUSER")$>  <$if uDelegatedUser$>  <$varDelegatedUser=uDelegatedUser$>  <$else$>  <$varDelegatedUser=""$>  <$endif$>  <$wfSet("tokenSWDelegatedContentOwners",varDelegatedUser)$>  <$wfSet("wfJumpTargetStep", "QAReview@publicManagedWF")$>  <$wfSet("wfJumpEntryNotifyOff", "1")$>  <$endif$> | | | | | | |
| **Event: Update** | //Send an update message if item halted  <$ wfSet("wfSetIsNotifyingUsers", "0")$>  <$ if parseDate(wfCurrentGet("lastEntryTs")) < dateCurrent(-4)$>  <$ currinterval = wfGet("xAuthorInterval")$>  <$ if not currinterval$>  <$ currinterval = 24$>  <$else$>  <$ currinterval = currinterval + 1$>  <$endif$>  <$ wfSet("xAuthorInterval",currinterval)$>  <$ a = currinterval%24$>  <$ if a == 0$>  <$ LastDate = formatDateWithPattern(wfCurrentGet("lastEntryTs"),"dd/MM/yyyy HH:mm")$>  <$ wfMailSubject="File <$dDocTitle$> needs your attention."$>  <$ wfMessage="<font color=red><$dDocName$> needs your immediate attention. It has been pending in your queue since <$LastDate$>.</font>"$>  <$ wfNotify("tokenAuthor","token")$>  <$ wfSet("wfJumpEntryNotifyOff","0")$>  <$endif$>  <$endif$> | | | | | | |
| **Event: Exit** |  | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step Number** | 2 | | | | | | |
| **Name** | Owner | | | | | | |
| **Description** | Owner review | | | | | | |
| **Type** | Users can review and edit (replace) the current revision | | | | | | |
| **Users** | WorkflowAdministrator  tokenSWContentOwners  tokenSWDelegatedContentOwners | | | | | Alias  Token  Token | |
| **Exit Conditions** | N | All reviewers | | Y | At least this many reviewers | | 1 |
| Use Additional Exit Condition | |  | | | | |
| **Event: Entry** | <$wfSet("wfJumpEntryNotifyOff", "1")$>  <$wfMailSubject="Managed content item '<$dDocTitle$>' is ready for QA Review."$>  <$wfMessage="Managed content item '<$dDocTitle$>' (<$strUpper(dExtension)$>) has been updated to revision <$dRevLabel$> and needs to be reviewed."$>  <$wfNotify("SWP\_QAReviewers","alias")$> | | | | | | |
| **Event: Update** | //Send an update message if item halted  <$ wfSet("wfSetIsNotifyingUsers", "0")$>  <$ if parseDate(wfCurrentGet("lastEntryTs")) < dateCurrent(-4)$>  <$ currinterval = wfGet("xQAInterval")$>  <$ if not currinterval$>  <$ currinterval = 24$>  <$else$>  <$ currinterval = currinterval + 1$>  <$endif$>  <$ wfSet("xAuthorInterval",currinterval)$>  <$ a = currinterval%24$>  <$ if a == 0$>  <$ LastDate = formatDateWithPattern(wfCurrentGet("lastEntryTs"),"dd/MM/yyyy HH:mm")$>  <$ wfMailSubject="File <$dDocTitle$> needs your attention."$>  <$ wfMessage="<font color=red><$dDocName$> needs your immediate attention. It has been pending in your queue since <$LastDate$>.</font>"$>  <$ wfNotify("tokenSWContentOwners","token")$>  <$wfNotify("tokenSWDelegatedContentOwners","token")$>  <$ wfSet("wfJumpEntryNotifyOff","0")$>  <$endif$>  <$endif$> | | | | | | |
| **Event: Exit** | <$if wfAction and wfAction like "APPROVE"$>  <$wfUpdateMetadata("xLastReviewer", dUser)$>  <$endif$> | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step Number** | 3 | | | | | | |
| **Name** | QAReview | | | | | | |
| **Description** | QA Review | | | | | | |
| **Type** | Users can review and edit (replace) the current revision | | | | | | |
| **Users** | WorkflowAdministrator  SWP\_QAReviewers | | | | | Alias  Alias | |
| **Exit Conditions** | N | All reviewers | | Y | At least this many reviewers | | 1 |
| Use Additional Exit Condition | |  | | | | |
| **Event: Entry** | <$wfSet("wfJumpEntryNotifyOff", "1")$>  <$wfMailSubject="Managed content item '<$dDocTitle$>' is ready for QA Review."$>  <$wfMessage="Managed content item '<$dDocTitle$>' (<$strUpper(dExtension)$>) has been updated to revision <$dRevLabel$> and needs to be reviewed."$>  <$wfNotify("SWP\_QAReviewers","alias")$> | | | | | | |
| **Event: Update** | //Send an update message if item halted  <$ wfSet("wfSetIsNotifyingUsers", "0")$>  <$ if parseDate(wfCurrentGet("lastEntryTs")) < dateCurrent(-4)$>  <$ currinterval = wfGet("xQAInterval")$>  <$ if not currinterval$>  <$ currinterval = 24$>  <$else$>  <$ currinterval = currinterval + 1$>  <$endif$>  <$ wfSet("xAuthorInterval",currinterval)$>  <$ a = currinterval%24$>  <$ if a == 0$>  <$ LastDate = formatDateWithPattern(wfCurrentGet("lastEntryTs"),"dd/MM/yyyy HH:mm")$>  <$ wfMailSubject="File <$dDocTitle$> needs your attention."$>  <$ wfMessage="<font color=red><$dDocName$> needs your immediate attention. It has been pending in your queue since <$LastDate$>.</font>"$>  <$ wfNotify("SWP\_QAReviewers","alias")$>  <$ wfSet("wfJumpEntryNotifyOff","0")$>  <$endif$>  <$endif$> | | | | | | |
| **Event: Exit** | <$if wfAction and wfAction like "APPROVE"$>  <$wfUpdateMetadata("xLastQAReviewer", dUser)$>  <$endif$> | | | | | | |

### Aliases

| **Name** | **Description** |
| --- | --- |
| SWP\_QAReviewers | This is an alias for the corporate communications QA lead & second. |
| WorkflowAdministrator | For each step in workflow an additional alias of WorkflowAdministrator will be assigned to manage any problematic workflow processes. If a workflow step cannot be completed for any reason a member of the WorkflowAdministrator alias can be called upon to resolve the issue. |

### Tokens

#### Author

| **Field** | **Value** |
| --- | --- |
| Token Name | tokenAuthor |
| Description | The Author of the document |
| Users/Pseudo-Code/Code | <$ wfAddUser(dDocAuthor,"user")$> |

# Information Architecture

## Overview

The information architecture section will describe the framework being built for managing the information that the SWP and SWE websites will require. This encompasses discussions of WCC metadata, content profiles and rules, Site Studio properties, and user attributes and structures such as aliases. All of these areas work together to define just how information/content within WCC can be entered, found, used, and displayed.

## Metadata

The metadata design is documented inSchedule A - **20024737\_WRP\_MetadataProfiles\_v0.2.xls**. *Please refer to this document for all detailed implementation information.*

|  |  |  |  |
| --- | --- | --- | --- |
| **SWP/SWE METADATA FIELDS** | | | |
| **Field** | **Legacy?** | **Label** | **Type** |
| xFriendlyUrl | Y | Friendly URL | Text |
| xReviewDate | Y | Review date | Date |
| xEndDate | Y | Publish Date | Date |
| xLastQAReviewer | Y | QA reviewed by | Text |
| xLastReviewer | Y | Owner reviewed by | Text |
| xSWContentPriority | N | Website content priority | Dropdown |
| xSWContentType | N | Website content type | Dropdown |
| xSWSourceReference | N | External source | Dropdown |
| xSWSourceReferenceID | N | External source ID | Text |
| xSWSourceReferenceRev | N | External source revision | Text |
| xSWSourceContentOwner | N | External source owner | Dropdown |
| xSWImageType | N | Website image type | Dropdown |
| xSWProjectType | N | Project type | Dropdown (MS) |
| xSWProjectArea | N | Project Area | Dropdown (MS) |
| xSWContentOwner | N | Content owner(s) | Dropdown (MS) |
| xSWContentFromDM | N | Managed Document | Dropdown (Y/N) |
| xSWMigrateContent | N | Migrate Content | Dropdown (Y/N) |

* **xExternalSourceOwner** should use the same table of values that SWIM DM uses for Content Owner. This way when a content item is brought over manually, they can make the appropriate assignment. A SWIM DM archive should push the table over if possible!

### Rules & Profiles

Within WCC a “Content Profile” (or “Profile”) is a predefined set of metadata fields that are available to be utilized in a range of situations. Metadata values can be pre-set, hidden, pared down, required, etc. based on the “Rule Set” (or “Rules”) that have been assigned to the profile. Rules can be “Global” or “Local” in their application to how WCC behaves, making them very powerful.

The existing Content Profiles for iConnect have all been created appropriately with the "Exclude non-rule fields" setting activated. This indicates that if a metadata field has not been provided in an associated rule, the profile should ignore that field and not include it in the form. Likewise all SWP/SWE profiles have been designed with the same flag enabled. This ensures neither application interferes with the other.

Profiles have been consolidated into as few as possible for simpler implementation and easier administration. The Region Definitions will control a large portion of the unique metadata that needs to be applied to CDFs as these presets will rarely (if ever) change. It means additional setup and testing work on the front end but, again, easier administration of Ps & Rs moving forward.

#### Rule Sets

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWP\_GEN\_SHOWALL | | | | |
| **Rule Description** | | All fields that can be used for SWP purposes | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocName | Edit | |  |  |  |  |
| dDocTitle | Edit | |  |  |  |  |
| dDocAuthor | Edit | |  |  |  |  |
| dDocType | Edit | |  |  |  |  |
| dSecurityGroup | Edit | |  |  |  |  |
| dRevLabel | Edit | |  |  |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xProfileTrigger | Edit | |  |  |  |  |
| xDiscussionCount | Edit | |  |  |  |  |
| xDiscussionType | Edit | |  |  |  |  |
| xWebsiteObjectType | Edit | |  |  |  |  |
| xWebsites | Edit | |  |  |  |  |
| xDontShowInListsForWebsites | Edit | |  |  |  |  |
| xWebsiteSection | Edit | |  |  |  |  |
| xRegionDefinition | Edit | |  |  |  |  |
| xReviewDate | Edit | |  |  |  |  |
| xFriendlyUrl | Edit | |  |  |  |  |
| xLastQAReviewer | Edit | |  |  |  |  |
| xLastReviewer | Edit | |  |  |  |  |
| xComments | Edit | |  |  |  |  |
| xSWContentPriority | Edit | |  |  |  |  |
| xSWContentType | Edit | |  |  |  |  |
| xSWSourceReference | Edit | |  |  |  |  |
| xSWSourceReferenceID | Edit | |  |  |  |  |
| xSWSourceContentOwner | Edit | |  |  |  |  |
| xSWImageType | Edit | |  |  |  |  |
| xSWProjectType | Edit | |  |  |  |  |
| xSWProjectArea | Edit | |  |  |  |  |
| xSWContentOwner | Edit | |  |  |  |  |
| xSWContentFromDM | Edit | |  |  |  |  |
| xEndDate | Edit | |  |  |  |  |
| xSWMigrateContent | Edit | |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWP\_GEN\_HIDDEN | | | | |
| **Rule Description** | | Hidden and preset fields for SWP purposes | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocName | Hidden | |  | <auto> |  |  |
| dDocAuthor | Hidden | |  | <auto> |  |  |
| dSecurityGroup | Hidden | |  | PublicWebContent |  |  |
| dRevLabel | Hidden | |  |  |  |  |
| xProfileTrigger | Hidden | |  | <auto> |  |  |
| xDiscussionCount | Hidden | |  |  |  |  |
| xDiscussionType | Hidden | |  |  |  |  |
| xFriendlyUrl | Hidden | |  |  |  |  |
| xLastQAReviewer | Hidden | |  |  |  |  |
| xLastReviewer | Hidden | |  |  |  |  |
| xWebsiteObjectType | Hidden | |  | <auto> |  |  |
| xWebsites | Hidden | |  | SW |  |  |
| xDontShowInListsForWebsites | Hidden | |  | <auto> |  |  |
| xWebsiteSection | Hidden | |  | <auto> |  |  |
| xRegionDefinition | Hidden | |  | <auto> |  |  |
| xSWContentType | Hidden | |  | <region def> |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWP\_CONTENT\_PAGE | | | | |
| **Rule Description** | | Fields for standard page CDF check-ins for SWP purposes | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocTitle | Edit | |  |  |  |  |
| dDocType | Hidden | |  | WebContent |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xReviewDate | Hidden | |  | Current()+365 |  |  |
| xComments | Edit | |  |  |  |  |
| xSWContentPriority | Hidden | |  | Normal |  |  |
| xSWContentType | Hidden | |  | PageContent |  |  |
| xSWSourceReference | Hidden | |  |  |  |  |
| xSWSourceReferenceID | Hidden | |  |  |  |  |
| xSWSourceContentOwner | Hidden | |  |  |  |  |
| xSWImageType | Hidden | |  |  |  |  |
| xSWProjectType | Hidden | |  |  |  |  |
| xSWProjectArea | Hidden | |  |  |  |  |
| xSWContentOwner | Required | |  |  |  |  |
| xSWContentFromDM | Hidden | |  |  |  |  |
| xEndDate | Hidden | |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWP\_CONTENT\_HOMEVERT | | | | |
| **Rule Description** | | Fields for SWP homepage vert carousel CDF check-ins | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocTitle | Edit | |  |  |  |  |
| dDocType | Hidden | |  | WebContent |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xReviewDate | Hidden | |  | Current()+365 |  |  |
| xComments | Edit | |  |  |  |  |
| xSWContentPriority | Required | |  |  |  |  |
| xSWContentType | Hidden | |  | PageContent |  |  |
| xSWSourceReference | Hidden | |  |  |  |  |
| xSWSourceReferenceID | Hidden | |  |  |  |  |
| xSWSourceContentOwner | Hidden | |  |  |  |  |
| xSWImageType | Hidden | |  |  |  |  |
| xSWProjectType | Hidden | |  |  |  |  |
| xSWProjectArea | Hidden | |  |  |  |  |
| xSWContentOwner | Required | |  |  |  |  |
| xSWContentFromDM | Hidden | |  |  |  |  |
| xEndDate | Hidden | |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWP\_CONTENT\_PROJECT | | | | |
| **Rule Description** | | Fields for project CDF check-in for SWP | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocTitle | Edit | |  |  |  |  |
| dDocType | Hidden | |  | WebContent |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xReviewDate | Edit | |  | Current()+365 |  |  |
| xComments | Edit | |  |  |  |  |
| xSWContentPriority | Hidden | |  | Normal |  |  |
| xSWContentType | Info | |  | ProjectPage |  |  |
| xSWSourceReference | Hidden | |  |  |  |  |
| xSWSourceReferenceID | Hidden | |  |  |  |  |
| xSWSourceContentOwner | Hidden | |  |  |  |  |
| xSWImageType | Hidden | |  |  |  |  |
| xSWProjectType | Required | |  |  |  |  |
| xSWProjectArea | Required | |  |  |  |  |
| xSWContentOwner | Required | |  |  |  |  |
| xSWContentFromDM | Hidden | |  |  |  |  |
| xEndDate | Hidden | |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWP\_ASSET\_MANAGED | | | | |
| **Rule Description** | | Fields for managed asset check-ins for SWP purposes | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocType | Hidden | |  | Document |  |  |
| dDocTitle | Edit | |  |  |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xWebsiteObjectType | Hidden | |  | Native File |  |  |
| xReviewDate | Edit | |  | Current()+365 |  |  |
| xComments | Edit | |  |  |  |  |
| xSWContentPriority | Hidden | |  | Normal |  |  |
| xSWContentType | Hidden | |  | ManagedContent |  |  |
| xSWSourceReference | Required | |  |  |  |  |
| xSWSourceReferenceID | Required | |  |  |  |  |
| xSWSourceContentOwner | Required | |  |  |  |  |
| xSWImageType | Hidden | |  |  |  |  |
| xSWProjectType | Hidden | |  |  |  |  |
| xSWProjectArea | Hidden | |  |  |  |  |
| xSWContentOwner | Required | |  |  |  |  |
| xSWContentFromDM | Info | |  | Yes |  |  |
| xEndDate | Hidden | |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWP\_ASSET\_IMAGE | | | | |
| **Rule Description** | | Fields for image asset check-ins for SWP purposes | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocType | Hidden | |  | WebAsset |  |  |
| dDocTitle | Edit | |  |  |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xWebsiteObjectType | Hidden | |  | Image |  |  |
| xReviewDate | Edit | |  | Current()+365 |  |  |
| xComments | Edit | |  |  |  |  |
| xSWContentPriority | Hidden | |  | Normal |  |  |
| xSWContentType | Info | |  | ImageAsset |  |  |
| xSWSourceReference | Required | |  |  |  |  |
| xSWSourceReferenceID | Required | |  |  |  |  |
| xSWSourceContentOwner | Required | |  |  |  |  |
| xSWImageType | Required | |  |  |  |  |
| xSWProjectType | Hidden | |  |  |  |  |
| xSWProjectArea | Hidden | |  |  |  |  |
| xSWContentOwner | Required | |  |  |  |  |
| xSWContentFromDM | Hidden | |  |  |  |  |
| xEndDate | Hidden | |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWE\_GEN\_SHOWALL | | | | |
| **Rule Description** | | All fields that can be used for SWE purposes | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocName | Edit | |  |  |  |  |
| dDocTitle | Edit | |  |  |  |  |
| dDocAuthor | Edit | |  |  |  |  |
| dDocType | Edit | |  |  |  |  |
| dSecurityGroup | Edit | |  |  |  |  |
| dRevLabel | Edit | |  |  |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xProfileTrigger | Edit | |  |  |  |  |
| xDiscussionCount | Edit | |  |  |  |  |
| xDiscussionType | Edit | |  |  |  |  |
| xWebsiteObjectType | Edit | |  |  |  |  |
| xWebsites | Edit | |  |  |  |  |
| xDontShowInListsForWebsites | Edit | |  |  |  |  |
| xWebsiteSection | Edit | |  |  |  |  |
| xRegionDefinition | Edit | |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWE\_GEN\_HIDDEN | | | |
| **Rule Description** | | Hidden and preset fields for SWE purposes | | | |
| **Is global rule with priority** | |  | | | |
| **Is group** | |  | | | |
| **Has group header** | |  | | | |
| **Header Text** | |  | | | |
| **Use rule activation condition** | |  | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | |
| **Field Name** | **Type** | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocName | Hidden |  | <auto> |  |  |
| dDocAuthor | Hidden |  | <auto> |  |  |
| dDocType | Hidden |  | <region def> |  |  |
| dSecurityGroup | Hidden |  | EmergencyWebContent |  |  |
| dRevLabel | Hidden |  |  |  |  |
| xProfileTrigger | Hidden |  | <auto> |  |  |
| xDiscussionCount | Hidden |  |  |  |  |
| xDiscussionType | Hidden |  |  |  |  |
| xWebsiteObjectType | Hidden |  | <auto> |  |  |
| xWebsites | Hidden |  | SWE |  |  |
| xDontShowInListsForWebsites | Hidden |  |  |  |  |
| xWebsiteSection | Hidden |  | <auto> |  |  |
| xRegionDefinition | Hidden |  | <auto> |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rule Name** | | SWE\_CONTENT\_PAGE | | | | |
| **Rule Description** | | Fields for standard page CDF check-ins for SWE purposes | | | | |
| **Is global rule with priority** | |  | | | | |
| **Is group** | |  | | | | |
| **Has group header** | |  | | | | |
| **Header Text** | |  | | | | |
| **Use rule activation condition** | |  | | | | |
| **R u l e - S e t M e t a d a t a F i e l d s** | | | | | | |
| **Field Name** | **Type** | | **Cust. Label** | **Default Val.** | **Derived** | **Rest. List** |
| dDocTitle | Edit | |  |  |  |  |
| dDocType | Hidden | |  | WebContent |  |  |
| dInDate | Edit | |  |  |  |  |
| dOutDate | Edit | |  |  |  |  |
| xComments | Edit | |  |  |  |  |

#### Profiles

|  |  |
| --- | --- |
| **Name** | SWP\_Asset\_Image |
| **Display Label** | SW Asset (Image/MM) |
| **Description** | Profile for checking in Public Website imagery assets |
| **Trigger** | SWP\_Asset\_Image |
| **Exclude** | X |
| **Restrict** |  |
| **Check-In Link** |  |
| **Search Link** |  |
| **Rules** | SWP\_GEN\_SHOWALL  SWP\_GEN\_HIDDEN  SWP\_ASSET\_IMAGE |

|  |  |
| --- | --- |
| **Name** | SWP\_Asset\_Managed |
| **Display Label** | SW Asset (Managed) |
| **Description** | Profile for checking in Public Website managed content |
| **Trigger** | SWP\_Asset\_Managed |
| **Exclude** | X |
| **Restrict** |  |
| **Check-In Link** |  |
| **Search Link** |  |
| **Rules** | SWP\_GEN\_SHOWALL  SWP\_GEN\_HIDDEN  SWP\_ASSET\_MANAGED |

|  |  |
| --- | --- |
| **Name** | SWP\_Content\_Web |
| **Display Label** | SW Content (Web) |
| **Description** | Profile for checking in Public Website web content |
| **Trigger** | SWP\_Content\_Web |
| **Exclude** | X |
| **Restrict** | X |
| **Check-In Link** | <$if userHasRole("admin")$><$isLinkActive=1$><$endif$> |
| **Search Link** |  |
| **Rules** | SWP\_GEN\_SHOWALL  SWP\_GEN\_HIDDEN  SWP\_CONTENT\_PAGE |

|  |  |
| --- | --- |
| **Name** | SWP\_Content\_Project |
| **Display Label** | SW Content (Project) |
| **Description** | Profile for checking in Public Website project XMLs |
| **Trigger** | SWP\_Content\_Project |
| **Exclude** | X |
| **Restrict** | X |
| **Check-In Link** | <$if userHasRole("admin")$><$isLinkActive=1$><$endif$> |
| **Search Link** |  |
| **Rules** | SWP\_GEN\_SHOWALL  SWP\_GEN\_HIDDEN  SWP\_CONTENT\_PROJECT |

|  |  |
| --- | --- |
| **Name** | SWP\_Content\_HomeVert |
| **Display Label** | SW Content (HP Vert Carousel) |
| **Description** | Profile for checking in SWP homepage vertical carousel XMLs |
| **Trigger** | SWP\_Content\_HomeVert |
| **Exclude** | X |
| **Restrict** | X |
| **Check-In Link** | <$if userHasRole("admin")$><$isLinkActive=1$><$endif$> |
| **Search Link** |  |
| **Rules** | SWP\_GEN\_SHOWALL  SWP\_GEN\_HIDDEN  SWP\_CONTENT\_HOMEVERT |

|  |  |
| --- | --- |
| **Name** | SWE\_Content\_Web |
| **Display Label** | SWE Content (Web) |
| **Description** | Profile for checking in Emergency Website web content |
| **Trigger** | SWE\_Content\_Web |
| **Exclude** | X |
| **Restrict** | X |
| **Check-In Link** | <$if userHasRole("admin")$><$isLinkActive=1$><$endif$> |
| **Search Link** |  |
| **Rules** | SWE\_GEN\_SHOWALL  SWE\_GEN\_HIDDEN  SWE\_CONTENT\_PAGE |

## Site Studio Site/Section Properties

### SWP Custom Site Properties

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| bodyCssClass | text | Additional classes to add to the body tag |
| InheritAsideContent | Boolean | Check if this section should inherit the aside content from its parents |
| RSSNodeID | text | Node ID for the associated RSS feed |

### SWE Custom Site Properties

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| IsActive | Boolean | Activates the rendering of the emergency site when set to true. Causes a pass-through when is false; |

### Standard Site Properties

|  |  |
| --- | --- |
| **Property** | **Definition** |
| Site ID | The ID of the site. This is the unique identifier for the site in the content server. The value also appears in the site address if you use a folder-based address to access the site. |
| Site Label | The name (and friendlier description) of the Web site. The site label appears in Designer and the "Websites" menu in the content server. |
| Site Type | The scripting format for the site (HCSP/JSP or ASP). |
| CgiUrl | The Cgi URL address of the content server that hosts the site. |
| Error Handler | The name of the section serving as an error handler for the site (see "Designating a Section as an Error Handler"). |
| Stopped Site Page | The page that appears when the site is stopped (see "Working With Fragments"). |
| Security | Controls the security of the site (see "Changing the Security of the Site or a Section"). |

### SWP Custom Section Properties

|  |  |
| --- | --- |
| **Property** | **Definition** |
| bodyCssClass | Indicates parameters to add to the body tag's classing. |
| InheritAsideContent | Check if this section should inherit the aside content from its parents |
| showPageInBreadcrumbs | Indicates whether or not to show the page in the breadcrumb nav. |
| redirectToLanding | Redirects to landing page if manual url is entered |
| RSSNodeID | Indicates the NodeID of the RSS feed for this dynamic page. |

### SWE Custom Section Properties

|  |  |
| --- | --- |
| **Property** | **Definition** |
|  |  |

### Standard Section Properties

|  |  |
| --- | --- |
| **Property** | **Definition** |
| Section ID | The ID of the section (also referred to as a Node ID). This is used by Site Studio to call up a section of the site. |
| Label | The name that you chose for the section. It displays in the Site Hierarchy pane and your site navigation. |
| Include in Navigation | If set to True, the section displays in the site navigation. If set to False, the section does not display in the site navigation. See "Showing Sections in the Site Navigation". |
| URL Page Name | The URL that represents the primary page in this section. If you don't specify a name, "index.htm" is used. |
| URL Directory Name | The URL that represents this section in the Web site address. |
| Primary Page | The primary page associated with this section. |
| Primary Page Params | If the primary page contains a contribution region, the name of that region and the contributor data file assigned to it, display here. |
| Primary Page Region Templates | The template override specified for the primary page in this section. |
| Primary Page Placeholder Definition Mappings | The placeholder definition mappings for the primary page in this section of the Web site. |
| Secondary Page | The secondary page associated with this section. |
| Secondary Page Params | If the secondary page contains a contribution region, the name of that region and the contributor data file assigned to it, display here. |
| Secondary Page Region Templates | The template override specified for the secondary pages in this section. |
| Secondary Page Placeholder Definition Mappings | The placeholder definition mappings for the secondary pages in this section of the Web site. |
| Replaceable Region | If the page template contains a replaceable region, the name of that region displays here. |
| Contributor-Only Section | If set to True, the section displays in the site navigation when the web page is viewed in contribution mode. When set to False, the section always appears on the site. |
| Ready to Replicate | If set to True, the section will be replicated. If set to False, the section will not be replicated.  This section is present only if Enable Section Level Replication has been selected from the Advanced submenu. See "File Menu" for more information on the Advanced submenu. |
| Max Age (caching) | Specifies a maximum amount of time that the primary page can be cached.  This option is useful for setting up a reverse proxy cache for your site. |
| Max Age Secondary | Specifies a maximum amount of time that the secondary page can be cached.  This option is useful for setting up a reverse proxy cache for your site. |
| Security | Controls the security of the section. |

## Aliases

### Public Site QA Reviewers

|  |  |
| --- | --- |
| **Alias Name** | **Alias Description** |
| SWP\_QAReviewers | An alias is required for the public website workflow. The alias will contain users to perform final quality assurance on all content. Number of approvers is outlined in the Workflow Details for each workflow.  For SWP workflows, each approval step is an "any" function versus an "all" function. That means that **any** member of the alias may approve the content out of the current step. Approval is **not required** for all alias members. |

*Please refer to the workflow section for more detail.*

# Security model

Security in WebCenter Content is broken into distinct realms; Security Groups and User Roles. Users have one or more roles associated with their username and each role is provisioned specific access rights to each security group in WCC. Access rights are broken into four privileges:

* Read (R)
* Read/Write (RW)
* Read/Write/Delete (RWD)
* Read/Write/Delete/Admin (RWDA)

A role cannot be provided with a higher tier privilege without the lower tier also. That is, a role could not have delete access without also having read and write access. A further realm is available in WCC called “Security Accounts” which provides an additional depth of granularity but the current environments are not configured to utilize this function and at this time there is no need to engage.

The SWP/SWE security model is designed in detail in Schedule B - **20024737\_WRP\_SecurityModel\_v0.2.xls**. The model outlines and defines the various security groups and user roles that will be configured to apply to content and asset items. The worksheet charts the levels of access for each role. Users can be assigned to multiple roles and their permissions are cumulative according to those assignments.

# Reporting

OTB reporting in WebCenter Content is achieved through performing queries against the content repository which provide the information desired. Below is a table adapted from the ASD (v1.01, p63) which outlines the current iConnect reports and aligns them with the abilities of the SWP website given what metadata is being utilized for the content.

| **Business Requirement** | **Description** | **Priority** |
| --- | --- | --- |
| Content management reports | Workflow reports are required from the Oracle Enterprise content management system based on existing reports for the intranet. | Mandatory |
| **SWP @ WCC** | **There is an interface within WCC for showing which workflows are active and then showing how many content items are in each.** | |
| Workflow in queue report | This report shows all the content items that are assigned to a user to move in the workflow | Mandatory |
| **SWP @ WCC** | **This is not something the OTB workflow queries can do.** | |
| My checked out content report | This report shows the content that a user has checked out but not checked in again. | Mandatory |
| **SWP @ WCC** | **An interface is provided on a user-by-user basis to see what content they currently have checked out. This is not accessible by anyone but the user themself.** | |
| Checked out content report | This report shows the content that any user has checked out but not checked in again. | Mandatory |
| **SWP @ WCC** | **An interface is provided to see all currently checked-out content. It is not sorted by user and there is no method for singling out content by user.** | |
| Work in progress | This report shows content that is still work in progress. This will also include GenWWW state where the item is being exported to another format by the Inbound Refinery. | Mandatory |
| **SWP @ WCC** | **An interface is provided to list all content currently in progress.** | |
| Active workflows report | This report shows the two active workflows. Clicking on the workflow name then shows all the items still in that workflow. | Mandatory |
| **SWP @ WCC** | **This interface is provided.** | |
| Expired content report | This report allows the user to look for what content is expiring based on a date range or by clicking the expired content checkbox it will show all expired content that has been assigned an expiry date on the metadata that is before the current date. | Mandatory |
| **SWP @ WCC** | **While these are two separate queries, both are available.** | |
| Managed links search | This report allows the user to give a content id and get back a list of links from that content item that is found in Oracle UCM. This doesn’t include document links in a Word or PDF document. Only Oracle UCM managed links are searched. | Mandatory |
| **SWP @ WCC** | **This query is possible through the Link Manager interface.** | |
| Items due for review report – during next month | This report outlines any content that is required to be reviewed in the next full month. | Mandatory |
| **SWP @ WCC** | **This is accomplished through a standard query against xReviewDate metadata.** | |
| Overdue items for review report – during last month | This report outlines any content that was required to be reviewed in the previous full month. | Mandatory |
| **SWP @ WCC** | **This is accomplished through a standard query against xReviewDate metadata.** | |
| List of published items report – during last month | This report lists all the items that were published into production during the last month, | Mandatory |
| **SWP @ WCC** | **This is accomplished through a standard query against dReleaseDate metadata.** | |
| Feedback rating report | This report shows the content items that a user owns and any associated feedback ratings for a specified period. | Desirable |
| **SWP @ WCC** | **Feedback is a notion removed from the SWP. However, users may query for all content they currently own.** | |
| Authors | Number of authors by division and total business including user details | Desirable |
| **SWP @ WCC** | **Content Data Files and Native Content Items are not assigned metadata associating them with a business division.** | |
| Number of QA approvers | Number of QA approvers by division and total business including user details | Desirable |
| **SWP @ WCC** | **There are only 2 QA reviewers for SWP materials.** | |
| No new pages created | By site section and date | Desirable |
| **SWP @ WCC** | **"Pages" aren't a single entity so it's impossible to query based on a page. It is possible to query against Content Data Files and use dCreateDate to determine how many new data files were added within a date range.** | |
| Time taken to approve pages | Average? By date range | Desirable |
| **SWP @ WCC** | **Post-release, workflow information is not retained. Queries based on this information are not possible.** | |
| Number of pages unapproved | By date range | Desirable |
| **SWP @ WCC** | **"Pages" aren't a single entity but regardless, items still in workflow are not indexed by the repository so they cannot be queried against.** | |
| Number of pages due to expire | Number of pages due to expire including page details and date | Desirable |
| **SWP @ WCC** | **"Pages" aren't a single entity however Content Data Files can be queried using dOutDate and a date range to see which have an expiration coming up.** | |
| Owner alias | Report to see which group owns a section of content | Desirable |
| **SWP @ WCC** | **Content within SWP is not tagged with metadata for business division so queries against this information are not possible.** | |
| User profile | Report to see a user profile and content authority for user | Desirable |
| **SWP @ WCC** | **Each user may view and edit their user profile which contains a field for delegation authority.** | |

Based on the information above, the business is evaluating impacts and will return with a response.

# Site Studio Design

The detailed Site Studio design is available in the document Schedule C - **20024737\_WRP\_SiteStudioDesign\_v1.5.doc**. This document is intended for *Site Studio developers* and reflects the latest design and configuration for every Site Studio artefact required for proper page display and contribution.

## SWP New Page Creation

*Due to the fact that the iConnect project was developed with highly customized behavior for site management and node creation, the same/similar functionality has been required of the WRP. The nature of this process is a thorough departure from standard practices in site management and should be regarded as a customization of the functionality of WebCenter Content.*

Beneath level 3 within the site hierarchy Sydney Water has required that site content authors be provided with the ability to dynamically add new nodes to the site hierarchy without having to interact with the Site Manager application (as is standard practice). This page creation process will, through clickable links, enable an author to generate new nodes at levels 4 and 5 of the hierarchy and dynamically update the project file with the necessary relevant data including node name, node label, URL configuration, CSS body factors, placeholder definition, region definition, and region template. The Project File will be revisioned with these updates to allow rolling back the change.

The actions against the Project File will be implemented via [javascript or custom component] and triggered by clicking links provided at the top of the Aside Column which provide choices as to which Squiz Template the author would like to utilize. A [pop-up or redirected page] will provide input for node naming and other appropriate options. On submission the node will be generated and the author will be redirected to that new node so that they may commence with creating the Contributor Data Files necessary to populate the page with content.

On revision of the Project File, the Archiver utility will pick up the change and migrate the file out to the Consumption Instance, updating the live hierarchy of the SWP website. There are no workflow processes in place for Project File changes. This live-site hierarchy change is not an issue however because pages beneath level 3 are not dynamically built into the navigation structure. Therefore no dynamic links will be generated to the new node which, at this point, will exist but not have any content.

Contributor Data Files generated to populate the new page will be subject to the standard content workflow and will require approval before being released and picked up by the Archiver utility for migration to the Consumption Instance. This goes as well for CDFs updated with links to the new page; since each file will need to go through workflow before release, a careful eye on the process can ensure that links aren't published before page content is released.

## RSS Feeds

Each of the URLs suggested for RSS was evaluated for candidacy and the following table describes the breakdown of information for each. The final column indicates and estimate of effort (in days) required to develop the unique RSS feed for that URL.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RSS Feed Source Breakdown/Evaluation/Estimate** | | | | | |
| **RSS Name** | **Int.** | **Ext.** | **WRP?** | **Est.** | **Iter.** |
| Overflow notifications | X |  | Y | 1 | 3 |
| What’s the latest | X |  | Y | 1 | 2 |
| Daily drinking water quality report | X |  | Y | 1 | 3 |
| Quarterly drinking water quality report | X |  | Y | 1 | 3 |
| Current projects | X |  | Y | 1 | 2 |
| Current tenders | X |  | Y | 1 | 2 |
| Future tenders | X |  | Y | 1 | 2 |

|  |
| --- |
| **Int.** = Internal to Sydney Water |
| **Ext.** = External to Sydney Water |
| **WRP?** = Is this page included in the Website Rebuild Project? |
| **Est.** = Number of days to develop the appropriate RSS template. |
| **Iter.** = The build iteration that this RSS page will be created in. This corresponds with the iteration for the source page. |

RSS feed pages should be developed as sub-nodes beneath a top level /rss/ directory of the site. A Site Studio Page Template, Placeholder Definition, and Subtemplates will be designed. The model will be a barebones PT with a PD which allows the various feed STs to be slotted as-needed into the framework.

Each page template will format its dynamic information as per standard RSS protocols as modeled by the RSS Specifications website (http://www.rss-specifications.com/). The URL PAGE NAME section property will be updated to reflect proper RSS convention.

The semi-technical breakdown for non-developers is that the ST will perform an appropriate lookup against the repository based on which type of dynamic content is being modeled in the RSS feed. If, for example, the RSS feed for the Home Page Vertical Carousel were being built, the "SS\_GET\_SEARCH\_RESULTS" service would be called with a query similar to "xSWContentType <matches> `HomepageNews` <AND> xWebsiteObjectType <matches> `Data File`". This would produce a resultset containing all the CDF's contributed to the Homepage news area. The ST would then loop through the results in chronological order (newest to oldest) and utilize the "ssIncludeXml" function to extract the necessary text from the CDF/XML and inject it into the produced RSS feed.

Future feed implementation will be a matter of creating a new subtemplate, copying and pasting a previous feed's code, updating the query and then manipulating the output to ensure it is in line with whatever dynamic content is being queried. Assign the new subtemplate to the placeholder definition and make a minor edit to the RSS page template to assign the placeholder.

A Custom Section Property will be employed to indicate if a dynamic content page has an associated feed and provide its location. The "RSSNodeID" CSP will be added to the system. When a Node ID is provided in the field, the template will trigger an RSS icon to appear in the Sharing Tools DIV. The icon will be linked to the RSS Node indicated in the CSP.

# Content Application Design

The Content Application design is available in the documentSchedule D - **20024737\_WRP\_ContentAppDesign\_v1.5.doc**. This document is intended for Site Studio and JAVA developers and reflects the latest design and configuration for the Site Studio artefacts, HTML forms, and JAVA applications required for proper content application display and contribution.

|  |
| --- |
| A clarification is in order here to point out that despite the overarching name “*content applications*” the migrated applications are in fact **not** all utilizing *content* in the repository. Applications actually fall into *four* distinct categories: “calculators, forms, database, and content” with only the content and calculator categories using the repository at all. The assumption that all the migrated applications *would* utilize content was a false one. Each migrated application has been evaluated for various factors and the optimum method (*within project constraints*) for execution in the WCC medium was designed. |

|  |  | **Iteration** | | |  | **Comment** |
| --- | --- | --- | --- | --- | --- | --- |
| **Application** | **Type** | **1** | **2** | **3** | **A/C** |  |
| *Generic Email WSDL* | *JAVA* |  | *X* |  |  | *Internal work to provide functionality.* |
| *Generic Table WSDL* | *JAVA* |  | *X* |  |  | *Internal work to provide functionality.* |
| *Generic Form Validation* | *JAVA* |  | *X* |  |  | *Internal work to provide functionality.* |
| Water use Calculator | Calc |  | X |  | A | Configuration performed via Contribution |
| Business Rainwater Calculator | Calc |  | X |  |  | Multi-table structure with data managed through Configuration Manager applet. |
| Residential Rainwater Calculator | Calc |  | X |  |  |
| Irrigation Calculator | Calc |  |  | X |  | Multi-table structure with data managed through Configuration Manager applet. |
| Feedback Form | Form |  | X |  |  | No tables and no configuration. |
| Change Your Address | Form |  | X |  |  |
| Developer Application Enquiry | Form |  | X |  |  |
| Book a Tour | Form |  | X |  |  |
| Backflow Prevention Access Request | Form | X |  |  |  |
| BMIS Access Request | Form |  | X |  |  |
| Water Restrictions Breach | Form | X |  |  |  |
| Water System | Content |  | X |  |  | No table structure. CRUD is performed via Contribution. |
| Web Project Updates | Content |  | X |  |  |
| Disclosure Logs | Content |  | X |  |  |
| Sewage Overflow Notification | Content |  |  | X | C | Multi-table structure with data managed through Configuration Manager applet and CRUD performed via web form. |
| Contract Register | Database |  |  | X | C | Single table structure w/ CRUD web form. |
| Accredited Plumbers Register | Database |  |  | X | C |
| Tenders | Database |  |  | X | C |
| North Side Storage Tunnel | Database |  |  | X | C |
| Drinking Water Use Reporting | Database |  |  | X | C | Multi-table structure with CRUD web form but no configuration. |
| Drinking Water Quality Reporting | Database |  |  | X | C |

**(A) Application Management Interface**

The AM interface represents configuration for the application. This entails changing how the application works, what options are available during the process of using the application, or how the application handles input. This can range from changing the options available in a dropdown list or altering the mathematics of a calculator.

**(C) CRUD Data Manipulation Interface**

The CRUD (Create, Read, Update, Delete) interface is the means by which the application data is entered, edited, and deleted by the user. While the AM interface might be used to alter dropdown menu options, the CRUD interface is for utilizing the dropdown for entering and altering data to the database table.

| **App name** | **Type** | **WSDL** | **UCM DB** | **SW DB** | **MIG DB** | **LAYOUT** |
| --- | --- | --- | --- | --- | --- | --- |
| Water use Calculator | Calc |  |  |  |  | 2COL\_N |
| Business Rainwater Calculator | Calc |  | Y |  | Y | 2COL\_N |
| Residential Rainwater Calculator | Calc |  |  |  |  | 2COL\_N |
| Irrigation Calculator | Calc |  | Y |  | Y | 2COL\_N |
| Feedback Form **(Not in SOW)** | Form | Database |  | Y |  | 2COL\_A |
| Send to a Friend Form **(Not in SOW)** | Form | Email |  |  |  | NOCOL |
| Change Your Address | Form | Email |  |  |  | 2COL\_N |
| Developer Application Enquiry | Form | Email |  |  |  | 2COL\_N |
| Book a Tour | Form | Email |  |  |  | 2COL\_N |
| Backflow Prevention Access Request | Form | Email |  |  |  | 2COL\_N |
| BMIS Access Request | Form | Email |  |  |  | 2COL\_N |
| Water Restrictions Breach | Form | Database |  | Y |  | 2COL\_N |
| Water System | Content |  |  |  |  | 2COL\_N |
| Web Project Updates | Content |  |  |  |  | 3COL |
| Disclosure Logs | Content |  |  |  | Y | 2COL\_N |
| Sewage Overflow Notification\* | Content |  |  |  | Y | 2COL\_N |
| Contract Register | Database |  | Y |  | Y | 2COL\_N |
| Accredited Plumbers Register | Database |  | Y |  | Y | 2COL\_N |
| Drinking Water Use Reporting | Database |  | Y |  | Y | 2COL\_N |
| Daily Drinking Water Quality Reporting | Database |  | Y |  | Y | 2COL\_N |
| Tenders | Database |  | Y |  | Y | 3COL |
| North Side Storage Tunnel | Database | Email | Y |  | Y | 2COL\_N |
| Annual Reports | N/A |  |  |  |  |  |
| Supplier Information | N/A |  |  |  |  |  |

***WSDL*** *– Indicates which Sydney Water WSDL process the data payload is submitted to.*

***UCM DB*** *– Indicates that a WebCenter Content schema table will be created for this application.*

***SW DB*** *– Indicates that a Sydney Water infrastructure database table will be created for this application.*

***MIG DB*** *– Indicates that a migration process from legacy to schema table must take place.*

***LAYOUT*** *– Indicates the legacy page layout (very likely what the application will migrate to as well).*

## Legacy Data Migration

While specific migration patterns are established in the Content App Design document, it must be understood that **two** distinct migration efforts must be undertaken before the website is publicly released.

* The first migration will be for development efforts; to establish the internal tables and content items and establish a baseline date for the second migration.
* The second effort must take place *just* prior to the new public website release to in-take any data submitted between the baseline date and the current date.

# Digital Asset Manager

To cater for the various image renditions required for the public web site, several renditions will be required. All renditions will be JPG format at a DPI of 72. A rendition set titled “PublicSiteImage” will be created and the following renditions will be configured for it:

|  |  |  |  |
| --- | --- | --- | --- |
| **Rendition** | **W** | **H** | **Short Name** |
| Home Banner | 540 | 285 | HomeBanner |
| Home Tabs | 182 | 132 | HomeTabs |
| Home Horiz Carousel | 132 | 132 | HomeHorizCarousel |
| In-Content Thumbnail | 182 | 132 | InContentThumb |
| In-Content Thumbnail Wide | 500 | 216 | InContentThumbWide |
| Aside - Single Link Block (right) | 73 | 61 | AsideSLB\_R |
| Aside - Single Link Block (left) | 85 | 75 | AsideSLB\_L |
| Aside - Single Fact Block | 207 | 117 | AsideSFB |
| Block Content | 217 | 126 | BlockContent |
| Landing Feature | 248 | 221 | LandingFeature |
| Ed. Feature (large) | 337 | 221 | EdFeatureLarge |
| Ed. Feature (small) | 337 | 117 | EdFeatureSmall |
| Ed. QuickLinks Icon | 50 | 50 | EdQLIcon |
| Ed. Student Listing | 115 | 100 | EdStudentListing |
| Ed. Student T/G Header | 104 | 104 | EdTGThumb |
| Ed. Student T/G Inner | 81 | 61 | EdTGInner |
| Ed. Teacher Resources List | 85 | 86 | EdTeach |

# Custom components

## Auto-fill Friendly Name

The auto-fill friendly URL component automatically generates the value of the friendly URL field based on the title entered by the user. It will perform validation of the entry and ensure no duplicate values can be found.

It is installed using the Component Manager and will need to be installed on both Contribution and Consumption environments and at installation both environments will require a restart.

*It is entirely possible that as development proceeds the need for an additional custom component will arise. This is a situation we are constantly on guard for as a base demand for this project is to accomplish absolutely everything Out of The Box as much as possible.*

# Compliance

No changes to standards or compliance as outlined by the Squiz document “Sydney Water Website Design Principles” are anticipated. Please refer to this document for further direction.

In addition to this the following browsers are indicated as being compliant with the Squiz design and the ongoing support of them is anticipated:

* IE 7
* IE 8
* IE 9
* Firefox 3.6
* Firefox 9
* Firefox 10.0b4
* Safari 5.1
* Chrome 16
* Opera Mini 6.5 (on iPhone 4s, iPad 1)
* Safari Mobile 5.1 (on iPhone 4s, iPad 1)

# Archiving

## Overview

Oracle UCM’s Archiver tool is being used to replicate content between the contribution and consumption instances. As content is released from publishing in contribution it will be automatically pushed to the consumption server and made available for viewing.

*There is a question with regards to creating new CDFs and those items entering workflow. We could drop them due to revision number or with author exceptions but Archiver will attempt to publish them immediately. So we also need to keep Archiver from moving CDFs @ rev1.*

## Contribution Instance Archiver Definition

Archives on the contribution instance will be set up with the following configurations:

### Public Web Content

This archives purpose is to automate the export of all public site content to the Consumption server. This includes Contributor Data File, Native Document, and Image object types.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **General** |  | |  | |  | |
| **Name** | PublicWeb\_Content | | | | | |
| **Description** | All items for public web | | | | | |
| **Export Options** | Replace Existing | N | Copy Web Content | Y | Table Only | NA |
| **Import Options** | Valid option list values | N | Translate dates | N |  | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Export Data** | | | | | | | |
| **Query** | | xWebsites = ‘SW’ AND ((xWebsiteObjectType = Data File AND dRevision <> 1) OR xWebsiteObjectType = Native File OR xWebsiteObjectType = Image) | | | | | |
| **Later than** | N | All | N | Latest | Y | Single revision | N |
| **Tables**  ***(Names pending build)*** | | TBL\_SWP\_RWTCALC\_STATIONS  TBL\_SWP\_RWTCALC\_POSTCODES  TBL\_SWP\_RWTCALC\_RAINFALL  TBL\_SWP\_IRCALC\_COMPACTION  TBL\_SWP\_IRCALC\_SUBURBS  TBL\_SWP\_IRCALC\_TEXTURE  TBL\_SWP\_IRCALC\_INFILT  TBL\_SWP\_IRCALC\_FIELD  TBL\_SWP\_IRCALC\_CROPFACTORS  TBL\_SWP\_IRCALC\_RFDATA  TBL\_SWP\_IRCALC\_BRAND  TBL\_SWP\_IRCALC\_SPRINKLER  TBL\_SWP\_IRCALC\_NOZZLE  TBL\_SWP\_IRCALC\_PRESSURE  TBL\_SWP\_CONTRACTREG  TBL\_SWP\_ACCREDPLUMBERS  TBL\_SWP\_WATERUSE  TBL\_SWP\_WATERQUALITY  TBL\_SWP\_TENDERS  TBL\_SWP\_STORAGETUNNEL | | | | | |

|  |  |
| --- | --- |
| **Import Maps** | |
| **Field Maps** | None |
| **Value Maps** | None |

|  |  |
| --- | --- |
| **Replication** | |
| **Registered Exporter:** | DEVR (Self) |
| **Registered Importers:** | None |

|  |  |
| --- | --- |
| **Transfer To** | |
| **Is Targetable:** | No |
| **Is Transfer Automated** | Yes |

|  |  |
| --- | --- |
| **Transfer To** | |
| **Is Targetable:** | No |
| **Is Transfer Automated** | Yes |
| **Transfer Owner** | DEVR |
| **Target Archive** | WEB/PublicWebTarget |

### Public Web Assets

This archives purpose is to export of all public site assets to the Consumption server. This archive is not automated as code changes should not be pushed out automatically to the Consumption server.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **General** |  | |  | |  | |
| **Name** | PublicWeb\_Assets | | | | | |
| **Description** | All items for public web | | | | | |
| **Export Options** | Replace Existing | N | Copy Web Content | Y | Table Only | NA |
| **Import Options** | Valid option list values | N | Translate dates | N |  | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Export Data** | | | | | | | |
| **Query** | | (xWebsites = ‘SW’ OR Revisions.dDocName = ‘SS\_PROJECT\_SW’) AND NOT (xWebsiteObjectType = Data File OR xWebsiteObjectType = Native File OR xWebsiteObjectType = Image) | | | | | |
| **Later than** | N | All | N | Latest | Y | Single revision | N |

|  |  |
| --- | --- |
| **Import Maps** | |
| **Field Maps** | None |
| **Value Maps** | None |

|  |  |
| --- | --- |
| **Replication** | |
| **Registered Exporter:** | DEVR (Self) |
| **Registered Importers:** | None |

|  |  |
| --- | --- |
| **Transfer To** | |
| **Is Targetable:** | No |
| **Is Transfer Automated** | No |

|  |  |
| --- | --- |
| **Transfer To** | |
| **Is Targetable:** | No |
| **Is Transfer Automated** | No |
| **Transfer Owner** | DEVR |
| **Target Archive** | WEB/PublicWebTarget |

## Consumption Instance Archiver Definition

Archiver on the Consumption instance will be set up with the following configuration: This archives purpose is to automate the import of all public site content and assets to the consumption server.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **General** |  | |  | |  | |
| **Name** | PublicWeb\_Target | | | | | |
| **Description** | Public Web Archive Target | | | | | |
| **Export Options** | Replace Existing | N | Copy Web Content | **Y** | Table Only | NA |
| **Import Options** | Valid option list values | N | Translate dates | N |  | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Export Data** | | | | | | | |
| **Query** | |  | | | | | |
| **Later than** | N | All | Y | Latest | N | Single revision | N |

|  |  |
| --- | --- |
| **Import Maps** | |
| **Field Maps** | None |
| **Value Maps** | None |

|  |  |
| --- | --- |
| **Replication** | |
| **Registered Exporter:** | None |
| **Registered Importers:** | WEB (self) |

|  |  |
| --- | --- |
| **Transfer To** | |
| **Is Targetable:** | Yes |
| **Is Transfer Automated** | No |

# Sydney Water Emergency (SWE) versus Sydney Water Public (SWP)

In an effort to ensure that the highest priority information is provided to the public during times of emergency and that in the event of overwhelming Internet traffic hitting the Sydney Water website, a mechanism has been established to publish a Sydney Water Emergency website which is separate from the standard SWP production. This SWE site would not supersede SWP, merely display vital information before allowing the user to continue on to the SWP content.

To accomplish this, the SWE Site Studio project will be established as living at the root of Sydney Water's .com address. This means the URL: http://www.sydneywater.com.au will in actuality **always** hit the flat web server hosting the Emergency content. If there is no content and the site is "inactive" the visitor will be invisibly redirected to the UCM web server where they will find the Sydney Water home page which will live at: http://www.sydneywater.com.au/public/. In the event of an emergency, an author will update the SWE content on the Contribution server (internal) and activate a publishing process using Site Studio Publisher which will scrape the HTML from Web Center Content. A secondary process will upload the HTML files and assets up to the secondary web server.

# Site Studio Publishing

|  |  |
| --- | --- |
| **Description** | **Assigned To** |
| Determine schedules | Matt |
| Create shell script for data Transfer | Shakil/Liz |
| Who should be notified upon completion of crawl? | Matt |
| Triggers for records version of public site? | Matt |

## Overview

The Site Studio Publisher (SSP) has been configured to publish copies of both the Emergency and Public websites on a daily basis. The time intervals of the publishing are configurable and can be adjusted as-needed or run on-demand.

## SW Emergency Site Configuration

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Attribute** | **Value** | | | | | | |
| **Manifest Url:** | http://contributionserver/cs/idcplg?IdcService=SS\_GET\_SITE\_PUBLISH\_REPORT&siteId=SWE | | | | | | |
| **Output Path** | output/SWE | | | | | | |
| **Username** | sspDummyPassword | | | | | | |
| **Password** |  | | | | | | |
| **Authentication** | BasicAuth | | | | | | |
| **Advanced** | Publish Now: 0 Force Download: 0 Force Analyze:0 Treat Home Page Errors As Critical: 1 Treat Manifest Errors As Critical: 1 Cache Control:0 Use Last Modified: 1 Use SSPETag: 1 | | | | | | |
| **Default Filename** | index.html | | | | | | |
| **Page Extension** | html | | | | | | |
| **User Agent** | Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.0) | | | | | | |
| **Friendly Url Parameters** |  | | | | | | |
| **Dynamic Url Parameters** |  | | | | | | |
| **Additional Services** |  | | | | | | |
| **Soft Error Threshold** | 99 | | | | | | |
| **Hard Error Threshold** | 99 | | | | | | |
| **Delete Threshold** | -1 | | | | | | |
| **Soft Error Codes** | 403,404 | | | | | | |
| **Hard Error Codes** | 501,502 | | | | | | |
| **Ignore Error Codes** |  | | | | | | |
| **Schedule** |  |  |  |  |  |  |  |
| **Days Of Week** | **S** | **M** | **T** | **W** | **T** | **F** | **S** |
|  | Y | Y | Y | Y | Y | Y | Y |
| **Time** | Once Per Day @ 06:00 | | | | | | |
| **Options** |  |  |  |  |  |  |  |
| **Priority** | N | | | | | | |
| **Log Level** | Info | | | | | | |
| **Email Notification** | [?????@sydneywater.com.au](mailto:?????@sydneywater.com.au) | | | | | | |
| **Show Include List** | | | | | | | |
| **None Set** | | | | | | | |
| **Show Exclude List** | | | | | | | |
| **None Set** | | | | | | | |
| **Show FilterSets** | | | | | | | |
| **None Set** | | | | | | | |
| **Show Triggers** | | | | | | | |
| **Need a trigger to transfer extract**  **Will likely be a shell script** | | | | | | | |

#### SW Emergency Site Transfer Shell script

Upon completion of the crawl a shell script will be called to transfer the data extract to the web server. The shell script is as follows

<insert Shell script>

To be completed once a hosted provider is provisioned.

## SW Public Site Configuration

| **Attribute** | **Value** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Manifest Url:** | http://contribserver/cs/idcplg?IdcService=SS\_GET\_SITE\_PUBLISH\_REPORT&siteId=SW | | | | | | |
| **Output Path** | output/SWP | | | | | | |
| **Username** |  | | | | | | |
| **Password** |  | | | | | | |
| **Authentication** | BasicAuth | | | | | | |
| **Advanced** | Publish Now: 0 Force Download: 0 Force Analyze:0 Treat Home Page Errors As Critical: 1 Treat Manifest Errors As Critical: 1 Cache Control:0 Use Last Modified: 1 Use SSPETag: 1 | | | | | | |
| **Default Filename** | index.html | | | | | | |
| **Page Extension** | html | | | | | | |
| **User Agent** | Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.0) | | | | | | |
| **Friendly Url Parameters** |  | | | | | | |
| **Dynamic Url Parameters** |  | | | | | | |
| **Additional Services** |  | | | | | | |
| **Soft Error Threshold** | 99 | | | | | | |
| **Hard Error Threshold** | 99 | | | | | | |
| **Delete Threshold** | -1 | | | | | | |
| **Soft Error Codes** | 403,404 | | | | | | |
| **Hard Error Codes** | 501,502 | | | | | | |
| **Ignore Error Codes** |  | | | | | | |
| **Schedule** | | | | | | | |
| **Days Of Week** | **S** | **M** | **T** | **W** | **T** | **F** | **S** |
|  | Y | Y | Y | Y | Y | Y | Y |
| **Time** | Once Per Day @ 03:00 | | | | | | |
| **Options** | | | | | | | |
| **Priority** | N | | | | | | |
| **Log Level** | Info | | | | | | |
| **Email Notification** | [Matthew.lawrence@asggroup.com.au](mailto:Matthew.lawrence@asggroup.com.au) | | | | | | |
| **Show Include List** | | | | | | | |
| **None Set** | | | | | | | |
| **Show Exclude List** | | | | | | | |
| **None Set** | | | | | | | |
| **Show FilterSets** | | | | | | | |
| **None Set** | | | | | | | |
| **Show Triggers** | | | | | | | |
| **None Set** | | | | | | | |

# Oracle Secure Enterprise Search (OSES)

Note: Additional Sources and schedules require definition. This is a task for SW Business

Oracle Secure Enterprise Search (OSES) will be used to crawl the public website and many other satellite sites. This section will detail the design and configuration of the various OSES data sources and schedules.

## Data sources

In OSES, A collection of information is called a source. Each source has a type that identifies where the information is stored, such as on a Web site or in a database table. Oracle SES provides several built-in source types and architecture for adding new, custom types.

This section will detail the configuration of the various sources.

### POC Public Web Site

The Sydney Water public website will be crawled using the configuration below:

|  |  |
| --- | --- |
| **Setting** | **Value** |
| **Name** | SydneyWaterWebsite |
| **Type** | Web |
| **Starting Url** | <http://www.sydneywater.com.au> |
| **Inclusion Rules** | ^https?://www\.sydneywater\.com\.au(?:\:\d{1,5})?(?:$|/) |
| **Exclusion Rules** | None |
| **Document Types** | All |
| **Authentication** | NA |
| **Crawler Configuration** |  |
| **Crawling Depth** | No Limit |
| **Number of Crawler Threads** | 5 |
| **Enable Language Detection** | Yes |
| **Default Language** | English |
| **Crawler Timeout Threshold** | 30 |
| **Maximum Document Size** | 10 |
| **Default Character Set** | ISO Latin-1 |
| **Preserve Document Cache** | N |
| **Document Service Pipeline** | Default Pipeline |
| **Honour Robots Exclusion** | Y |
| **Index Dynamic Page** | Y |
| **Enable UrlRewriter** | N |
| **UrlRewriter class name** |  |
| **UrlRewriter jar file name** |  |
| **HTTP Server Character Set Override** | N |
| **Enable HTTP Cookies** | Y |
| **Show Cookie Content in Log File** | N |
| **Maximum Cookie Size (bytes)** | 4096 |
| **Maximum Number of Cookies** | 300 |
| **Maximum Number of Cookies per Host** | 20 |

## Schedules

### Public Web Crawler Schedule

|  |  |
| --- | --- |
| **Setting** | **Value** |
| **Name** | SydneyWaterWebsite |
| **Source** | SydneyWaterWebsite |
| **Type** | Web |
| **Crawler Policy** | Process All Documents |
| **Crawling Mode** | Automatic |
| **Frequency** | Every 1 hour |

# Analytics

The majority of Front-End Reporting services will be via Nielsen Net Rating provisioned through a “Software as a Service” (SaaS) model. It requires the inclusion of a piece of JavaScript in each web page. This will be accomplished via an include which will be added to each page template.

<!-- START Nielsen Online SiteCensus V6.0 -->

<!-- COPYRIGHT 2009 Nielsen Online -->

<script type="text/javascript" src="//secure-au.imrworldwide.com/v60.js">

</script>

<script type="text/javascript">

var pvar = { cid: "sydneywater", content: "0", server: "secure-au" };

var trac = nol\_t(pvar);

trac.record().post();

</script>

<noscript>

<div>

<img src="//secure-au.imrworldwide.com/cgi-bin/m?ci=sydneywater&amp;cg=0&amp;cc=1&amp;ts=noscript"

width="1" height="1" alt="" />

</div>

</noscript>

<!-- END Nielsen Online SiteCensus V6.0 -->