

Apache

APACHE GEOPORTAL

CARLOS
SOSA



AGENDA

- z WHAT IS APACHE GEOPORTAL?
- z FEATURES
- z ARCHITECTURE
- z DEMO (VIDEO)
- z Q&A

WHAT IS APACHE GEOPORTAL?

- z APACHE ONE STOP WEB PORTAL SOLUTION FOR GIS RESOURCES
 - y GEOPORTAL CONTENT MANAGER
 - y GEOPORTAL MAP VIEWER
 - y GEOPORTAL SOCIAL

GEOPORTAL CONTENT MANAGER

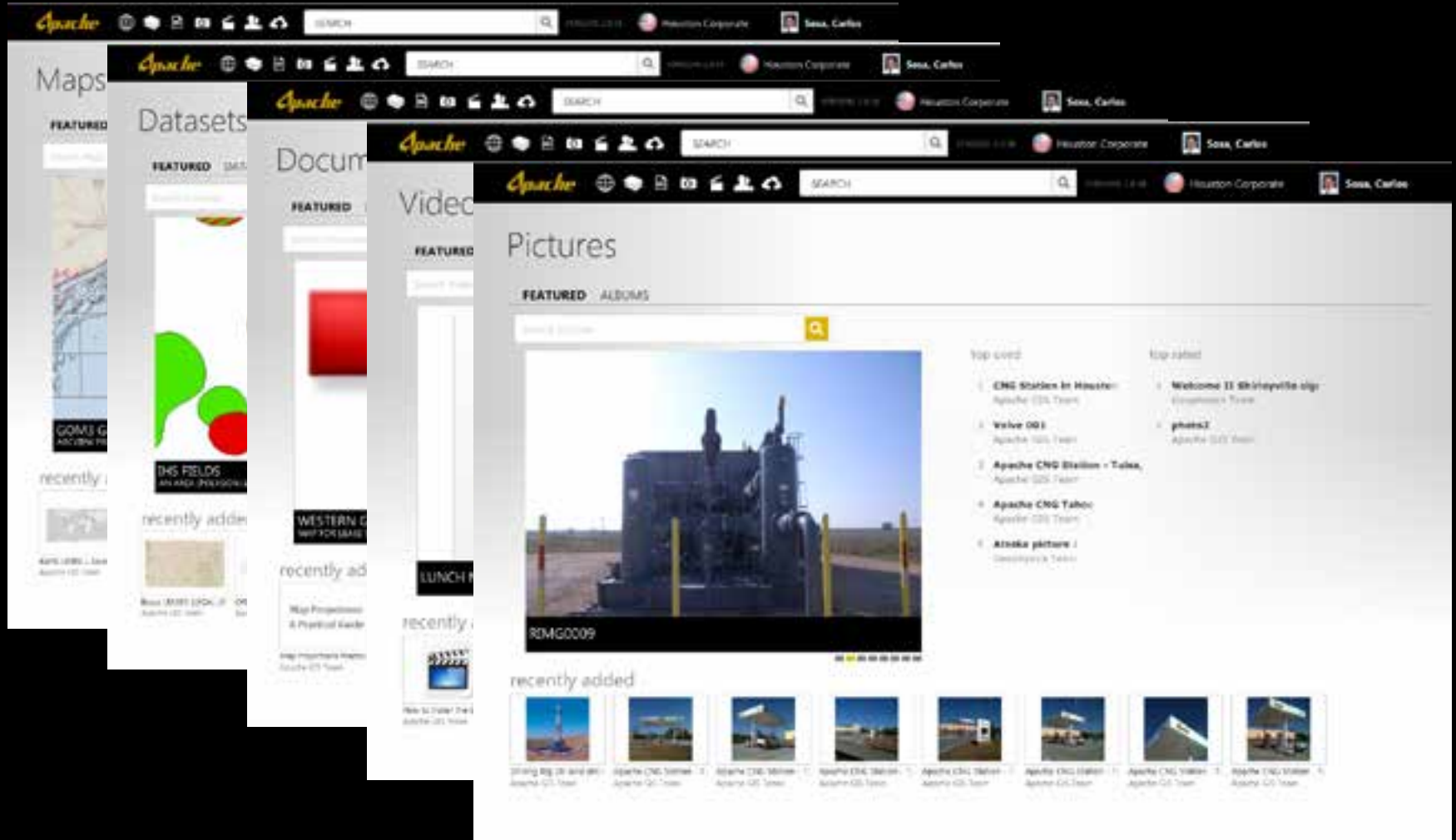
- z UPLOAD, GEOCODE AND MANAGE GIS CONTENT
 - y DESKTOP MAPS (MXD, MPK, KML, KMZ)
 - y WEB MAPS
 - y GEOSPATIAL DATASETS (LYR, LPK, ZIP)
 - y DOCUMENTS, PICTURES AND VIDEOS
 - y MAP APPS

GEOPORTAL CONTENT MANAGER

z ORGANIZED BY CONTENT TYPE

- y MAPS
- y DATASETS
- y DOCUMENTS
- y PICTURES
- y VIDEOS
- y MAP APPS

CONTENT TYPE PAGES

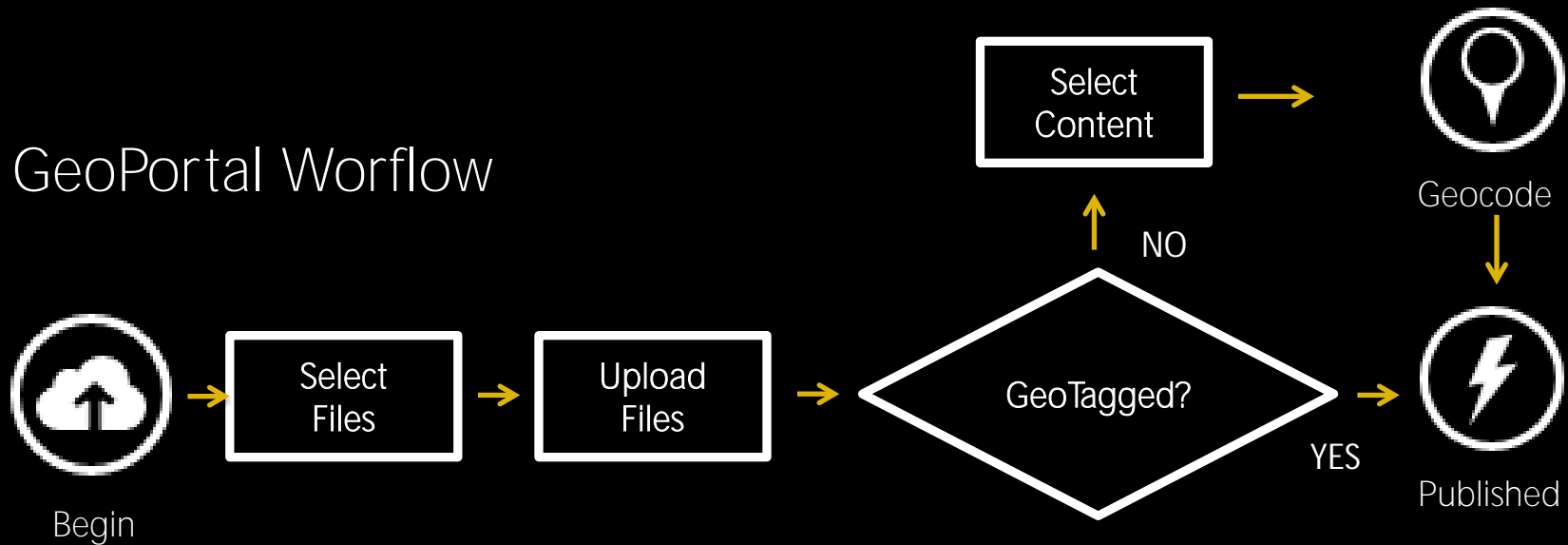


GEOPORTAL CONTENT MANAGER

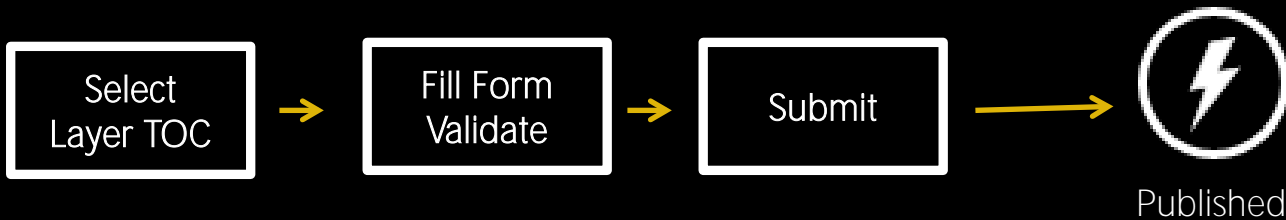
- z SUPPORT UPLOADING AND GEOCODING
 - y LOCAL FILES IN COMPUTER
 - y LINK TO NETWORK FILES, FOLDER AND EXTERNAL RESOURCES (WEBSITES, EMAILS, FTP)
 - y SHAREPOINT CONTENT LINK
- z ARCGIS DESKTOP ADD-IN
- z MAP APPS MANAGEMENT

GEOPORTAL CONTENT MANAGER - PUBLISHING

GeoPortal Workflow



ArcGIS Add-in Workflow



GEOPORTAL CONTENT MANAGER - CONSUMING

- z ARCGIS DESKTOP CONTENT
 - y DOWNLOAD BINARY FILE LOCAL
 - y CITRIX SESSION (NO ARCVIEW REQUIRED)
- z PICTURE VIEWER
- z VIDEO PLAYER

GEOPORTAL CONTENT MANAGER - CONSUMING

The image displays three overlapping screenshots of the Apache Geoportal Content Manager interface, illustrating content consumption. The top screenshot shows a map gallery titled "Gulf of Mexico Leases" with a "Map Gallery" tab and a "Last Updated" date. The middle screenshot shows a photo gallery titled "Apache CNG Station - Tulsa, OK" with a "Photo Gallery" tab and a "Last Updated" date. The bottom screenshot shows a video titled "Tips & Tricks Lunch-N-Learn" with a "Video Gallery" tab and a "Last Updated" date. The video content includes a title slide for "Tips and Tricks for the ArcGIS Desktop User" by Tracy Riklan@TeachMeGIS, a video player, and a description: "This is a video of our lunch-n-learn event during June, 2016, with TeachMeGIS. These are tips and tricks for using ArcView 9.3, but most of these also apply to ArcView 10." The interface includes a search bar, navigation icons, and user information for Sosa, Carlos.

MAP APP – WHAT IS IT?

- z TASK ORIENTED MAP WORKFLOW THAT CONTAINS DATA AND TOOLS IN ONE UNIT
 - y LEASE MAP APP
 - y WELL PERMITS
 - y SCOUT PRODUCTION ANALYSIS

MAP APP – IPHONE ANALOGY



iTunes

Distribution of content such as music, podcasts, apps, e-books, etc.



iPhone Apps

Applications for iPhones and other devices.



iPhone

Device where applications are installed



Apache GeoPortal



Map Apps



Map Viewer

MAP APPS MANAGEMENT

The screenshot displays the Apache Map Apps Management interface. At the top, there is an Apache logo, navigation icons, a search bar, and user information for Carlos Sosa. The main area is titled 'Apps' and features a 'Featured Gallery' with a search bar. A grid of app cards is visible, each with a thumbnail, title, update date, and rating. An 'MAP APP ADMIN' window is overlaid on the right, showing tabs for 'Information', 'Configuration', 'Owners', and 'Regions'. The 'Configuration' tab is active, displaying a list of 'Available Map Services' with checkboxes and 'Edit' buttons. The 'north_america' service is selected. At the bottom of the admin window are 'OK' and 'Cancel' buttons.

MAP APP ADMIN

Information Configuration Owners Regions

Advanced

Available Map Services:

- canada
- eclipse
- egypt
- gufiroact
- land
- mobile_services
- new_ventures
- north_america
- north_sea
- persian
- public_affairs
- scout

Map Services with Edit buttons:

- app_market
- app_market_background

Buttons: OK, Cancel

GEOPORTAL MAPVIEWER

The screenshot displays the Apache Geoportal Mapviewer interface. At the top, the Apache logo is on the left, followed by navigation icons and a search bar. The user's name, 'Sonia, Carlos', is visible in the top right. The main map area shows a geographical view of the United States with various lease tracts highlighted in blue. A legend on the left side is titled 'Apache US Leases' and includes a 'Tract Level Leases (3 Selected)' section. Below this, three lease entries are listed with their respective details:

- ESM18E011**
LESCOR: STATE OF NEW MEXICO VO-1
TYPE: STATE
DATE: 28850102
EXPIRATION: 01/01/90
ACQUIRED: 08/01/98
[Details](#) [Clipboard](#)
- ESM18E010**
LESCOR: USA NM-22080
TYPE: FEDERAL-PUBLIC DOMAIN
DATE: 28740902
EXPIRATION: 08/01/94
ACQUIRED: 01/01/98
[Details](#) [Clipboard](#)
- ESM17E010**
LESCOR: USA NM-90
TYPE: FEDERAL-PUBLIC DOMAIN
DATE: 28640902
EXPIRATION: 08/01/77
ACQUIRED: 01/01/98
[Details](#) [Clipboard](#)

A pop-up window for the selected lease 'ESM18E010' provides further details:

- ESM18E010**
LESCOR: USA NM-22080
TYPE: FEDERAL-PUBLIC DOMAIN
DATE: 28740902
EXPIRATION: 08/01/94
ACQUIRED: 01/01/98
[Details](#) [Clipboard](#)

On the right side, an 'ADD MAP APPS' panel is open, featuring a search bar and two tabs: 'MY FAVORITES' and 'GALLERY'. The 'GALLERY' tab is active, showing a grid of application icons. The icons are arranged in two rows:

- Row 1:** Four 'News' icons, 'Gulf Of Mexico Partner' icon, and 'Map Search Pysites' icon.
- Row 2:** 'IHS Domestic Field' icon, 'IHS International Field' icon, 'Global Service Users' icon, 'Canada BC Leases Self' icon, 'Canada Saskatchewan' icon, and 'Canada Alberta Leases' icon.

Each icon includes a star rating and a progress indicator. The bottom of the map viewer shows a search bar and a set of navigation controls.

GEOPORTAL MAPVIEWER

- z Standard Tools (Zoom, Pan, Overview, Scale, Basemaps)
- z Map Apps
 - y ArcGIS Dynamic
 - y Bubble Maps
 - y Editable Feature Layer (template)
- z Search
 - y Bing Maps
 - y Geocoders (Basins, Completions, etc.)
 - y Content (Docs, Pics, Videos, People, etc.)
- z Enhanced Tools
 - y Screen Capture Tool
 - y Annotation Tool

GEOPORTAL SOCIAL MODULE

- z Walls for Users, Topics and Content
- z Post messages are geocoded
- z Attachments can be added to Posts
 - y GeoPortal Content
 - y Sharepoint
 - y Website / Folder links
- z Users can create new topics
- z Private topics are supported

SOCIAL MODULE - TOPICS

The screenshot shows the Apache Topics web interface. At the top, there is a navigation bar with the Apache logo, a search bar, and user information for Carlos Sosa. The main heading is "Topics". Below it, there are tabs for "MY TOPICS" and "DIRECTORY". The "DIRECTORY" tab is active, showing a search bar and a list of topics. The topics are listed in a hierarchical manner, with "Petrophysics" expanded to show sub-topics like "Schools", "Shale Reservoirs", and "Interactive Petrophysics". A "Create new topic" button is visible at the bottom of the list. On the right side, there is a welcome message and a section titled "Who can create a topic?" which explains the public and private options for topic creation.

Welcome,
Topic Directory lets you find, create and follow discussion topics. A topic is a blog where people can share ideas, knowledge or questions related to the specific topic subject.

Who can create a topic?
Anybody can create a topic by finding the proper hierarchy level. Topics can be setup as Public (default) where anybody can see and post, or, Private so only the owners of the topic can see and post.

[Create new topic](#)

GEOPORTAL SOCIAL – TOPIC WALL

The screenshot shows the Apache Geoportal Social interface for a 'Drilling' topic wall. At the top, there is a navigation bar with the Apache logo, a search bar, and user information for 'Houston Corporate' and 'Sosa, Carlos'. The main content area features a 'Drilling' topic header with a profile picture and a 'Following' button. Below this is a 'What's going on?' input field. The topic wall contains several posts by 'Sosa, Carlos':

- Post 1:** 'new posting'. Posted to 'Drilling'. Location: Houston Corporate. 28 days ago.
- Post 2:** 'neuquen'. Posted to 'Sosa, Carlos' and 'Drilling'. Location: Houston Corporate. 2 months ago.
- Reply:** 'here is the reply'. 28 days ago.
- Post 3:** 'Neuquen basin sample'. Posted to 'Drilling'. Location: Neuquen Basin. 2 months ago.
- Post 4:** 'more text for rows: 34523532'.

On the right side, there is an 'about' section for the topic, showing 'TOPIC OWNERS' (Sosa, Carlos) with 23 posts and 84 followers. Below this is a 'followers' section with a grid of user avatars and a 'View All' link. At the bottom of the right sidebar is a 'files and links' section with three items: 'Apache Website', 'Highly Acidic Wells', and 'Selected North American Onshore Natu'.

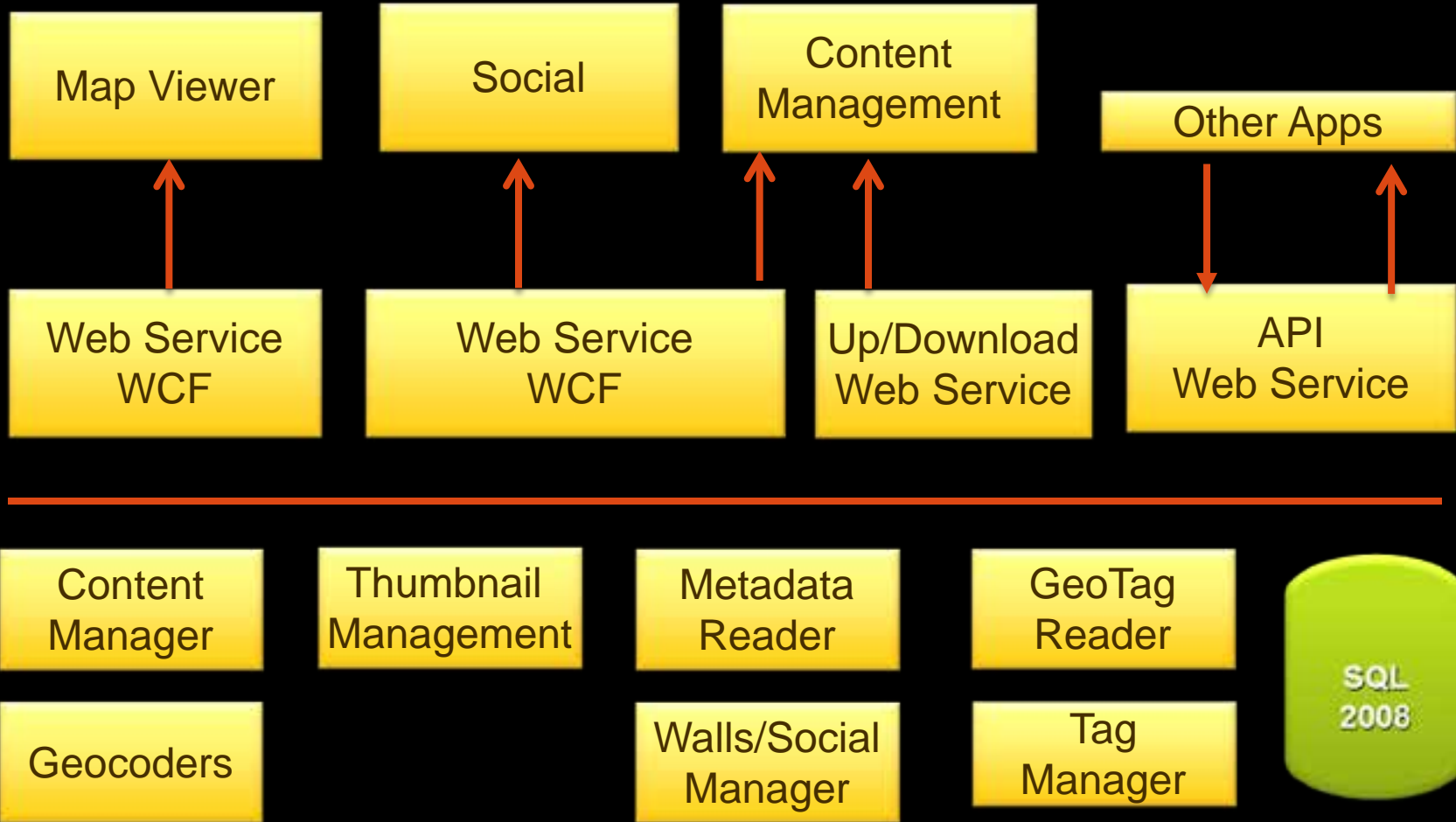
SOCIAL MODULE – USER WALL

The screenshot displays the Apache GeoPortal Social User Wall for Carlos Sosa. At the top, the Apache logo and navigation icons are visible, along with a search bar and user information for Carlos Sosa at Houston Corporate. The main content area is titled "Social" and features a profile picture of Carlos Sosa with an "Edit" button. Below the profile is a post creation box with an "Attach" dropdown, location tags for "Houston Corporate" and "Sosa, Carlos", and a "Post" button. A vertical sidebar on the left contains navigation options: "my wall", "messages" (with a notification badge), "my followers", "following", and "my topics". The main feed shows two posts. The first post is by Carlos Sosa, titled "my wall", containing the text "Here are some maps that might be useful for CLA" and two map thumbnails labeled "Cowden Lease Map" and "Gulf of Mexico Leases". The second post is by Michael Abrams, titled "Dear Apache GBG", with the text "I just returned from the Energy & Geoscience Institute corporate associate annual meeting. The Energy & Geoscience Institute, known as EGI, is an academic research institute...". To the right of the main feed, there are three sections: "Welcome to GeoPortal Social!" with a "Send invitation email" link; "about me" for Carlos Sosa, including his title and education; and "topics (15)" with a grid of topic tags such as "Drilling", "Exploration", "Geology", "Governmental Affairs", "Public Affairs", "IH&S", "Geochemistry", "Geophysics", "Petrophysics", and "Reservoir Engineering". Below the topics is a "following (10)" section showing a grid of user avatars, and a "followers (1)" section with one avatar.

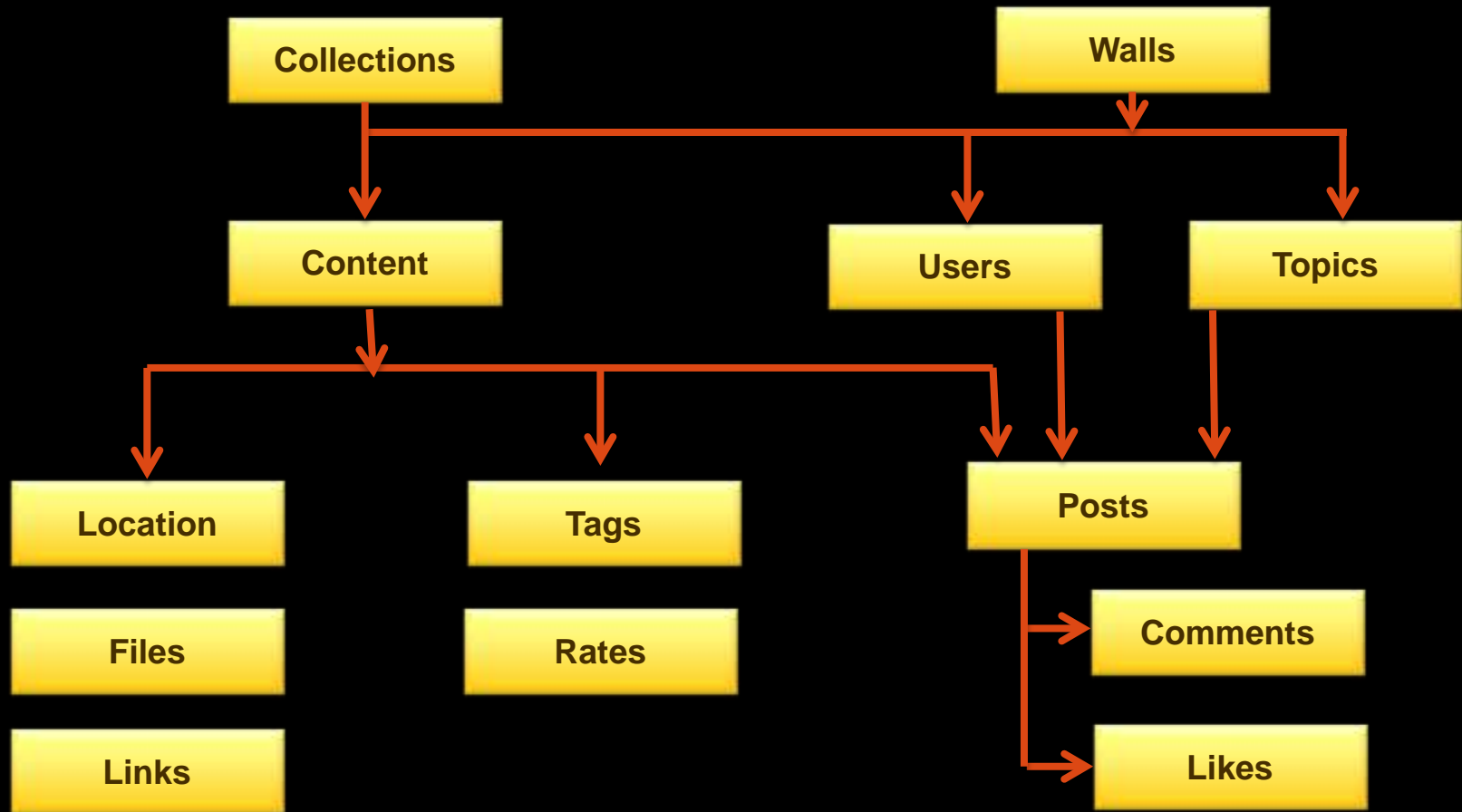
GEOPORTAL SOCIAL - SHARING

The screenshot shows a social media interface for Apache. At the top, there is a navigation bar with the Apache logo, a search bar, and user information for 'Houston Corporate' and 'Sosa, Carlos'. The main content area features a post titled 'CNG Station in Houston' with a large image of a green and white CNG station. Below the image, there is a caption: 'This is the first CNG station used in Houston for the Green American Trip'. The post is attributed to 'Sosa, Carlos' and was uploaded '1 year ago'. A 'Share this Picture' dialog box is overlaid on the post, showing sharing options: 'On your own Wall', a text input field containing 'Here is the picture ...', a preview of the shared post, and 'Share' and 'Cancel' buttons. The background shows a list of other posts, each with a 'Shared picture' label and a location tag for 'Houston Corporate'.

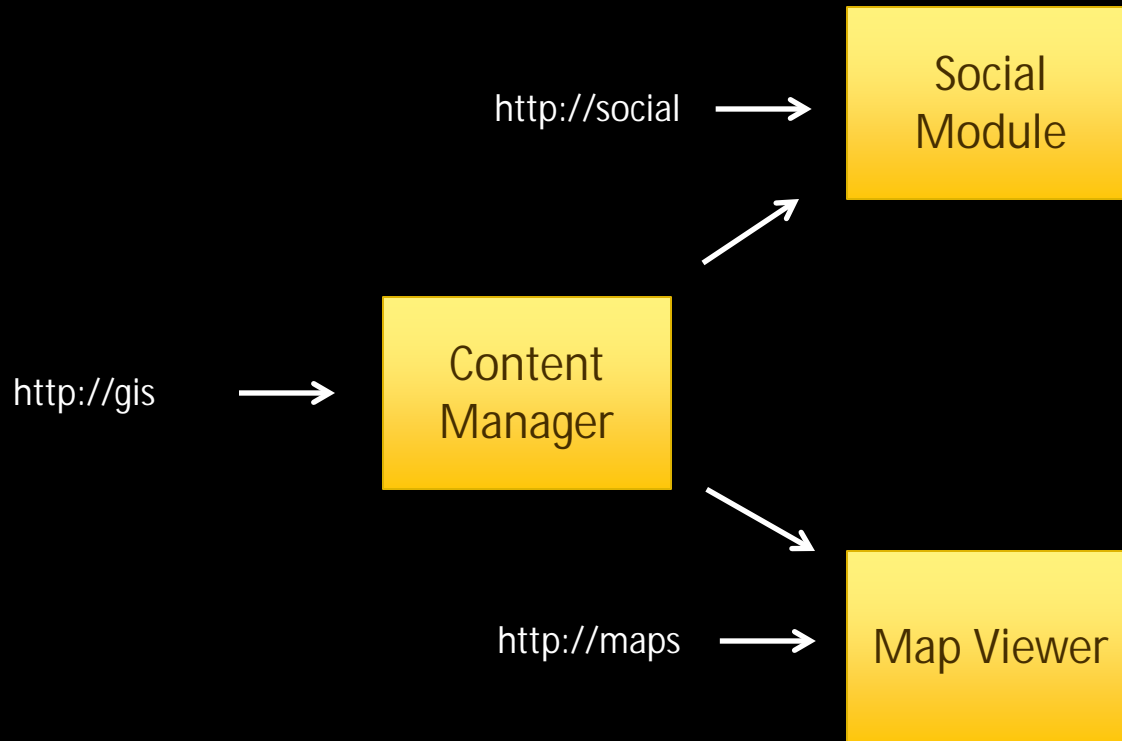
ARCHITECTURE - COMPONENTS



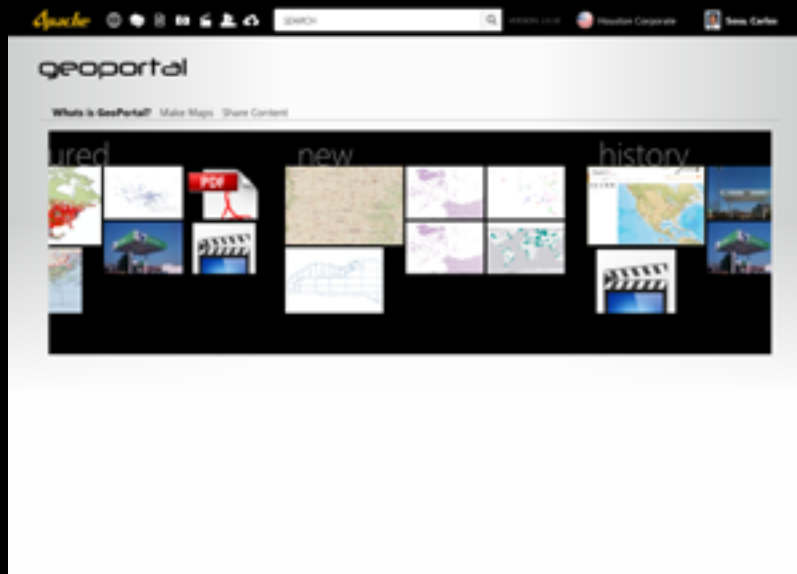
ARCHITECTURE – OBJECTS



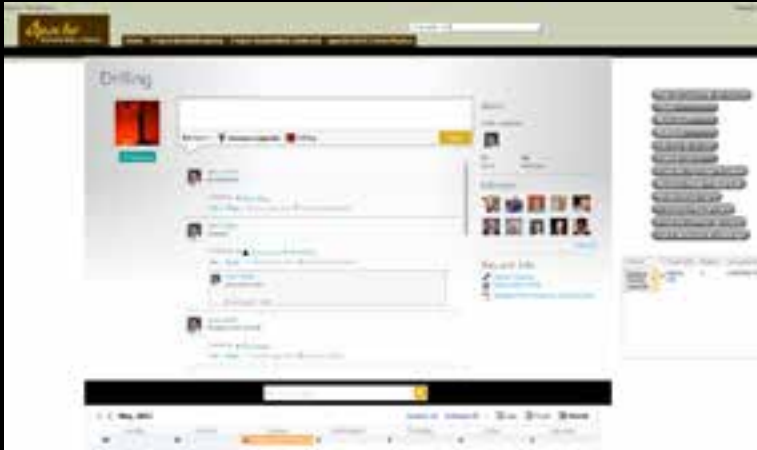
ARCHITECTURE - DEPLOYMENT



ARCHITECTURE - DEPLOYMENT



ARCHITECTURE - EMBEDDED



```
<object data="data:application/x-oleobject" width="960" height="720" type="application/x-silverlight-2">  
  <param name="source" value="http://maps.apachecorp.com/ClientBin/Apache.Eclipse.Client.GeoPortal.xap" />  
  <param name="background" value="white" />  
  <param name="minRuntimeVersion" value="4.0.50826.0" />  
  <param name="autoUpgrade" value="true" />  
  <param name="initparams" value="mode=mapviewer,uid=067b8f2e-44fe-49b0-92c1-05a09a827f01" /></object>
```

DEMO (VIDEO)

- z GeoPortal Main Features Video

CREDITS

- z Apache GIS Team
 - y Bruce Sanderson
 - y Carlos J. Sosa
 - y Cheryl Gerber
 - y Megan OMalley
 - y Eric Douglas
- z IT Nexus
 - y Hyrum Ernstrom