**ACCELERATE - Drive Business Value with Service & Portfolio Management** 

PP206SN

## Using CA Clarity™ for **Professional Services:** Resource Management

Peter Romano Allscripts



## ca World '13



#### **Abstract**

#### **Peter Romano**

Allscripts, Sr. IT Business Analyst

How Allscripts uses CA Clarity™ PPM for Resource Management, from resource record creation, requesting, booking and scheduling, to utilization, capacity planning, and forecasting. All of this has utilized 'out-of-the-box' functionality and the power of Clarity Studio to drive value through streamlined business processes and increased Professional Services' efficiency and success.



## Peter Romano, Sr. IT Business Analyst Allscripts

- Third consecutive CA World
- CA Clarity user for roughly 7 years
- Experience:
  - Project Manager, Super User
  - Configuration; Studio, Portlets, etc.
  - Functional analysis, design, and development
  - Application Administration
    - "Keeping the lights on"
  - Level 3+ support



## **Agenda**

- About Allscripts
- CA Clarity Resource Management
- Creating resources in CA Clarity PPM
- Scheduling resources for work
  - Requisitions out-of-the-box
  - 'Resource Request' custom object
- Resource Utilization Reporting
- Summary
- Q & A



## **About Allscripts**

Allscripts Healthcare Solutions (NASDAQ: MDRX) provides innovative solutions that empower all stakeholders across the healthcare continuum to deliver world-class outcomes. The company's clinical, financial, connectivity and information solutions for hospitals, physician practices and post-acute organizations are the essential technologies that enable a Connected Community of Health.



## About Allscripts Just the Facts

### The Allscripts Team

- 7000+ team members
- 46 locations in 24 US states, Asia, Australia, Canada, India, and the United Kingdom
- Corporate Headquarters: Chicago, IL, USA





## **About Allscripts**

#### **A Connected Community of Health**

#### **Our Mission**

 To be the most trusted provider of innovative solutions that empower all stakeholders across the healthcare continuum to deliver world-class outcomes.

## Our Approach

One Network. One Platform. One Patient.
 Allscripts delivers the largest network of clients in healthcare on a single platform resulting in one patient record.

## **About Allscripts**

#### **A Connected Community of Health**

#### **Our Clients**

- Connected to 180,000 physician users
- Connected to 1,500 hospitals
- Connected to 10,000 post acute care organizations

#### **Our Values**



## About Allscripts Using CA Clarity™ PPM

- Users Since 2002
  - Niku 6 Beta Testers
- Current Installed Release: 12.1.3
  - Planned upgrade to 13
- $\approx 5,000$  active users &  $\approx 29,000$  active projects
  - IT Services, Solutions Development, Professional Services, others
- Project & Resource Management
- Multiple Application Integrations (Contracts, ERP, BI, others)

## **Creating Resources**

#### **Integration with Oracle HRIS**

## Goal: Automate user/resource setup process

- Data held in Oracle HRIS
- Data populated in CA Clarity SQL database 2x daily
- Utilizes VB to generate XML from HRIS data
  - Series of custom object "rules tables"
- User & Resource XOG to create/update CA Clarity records

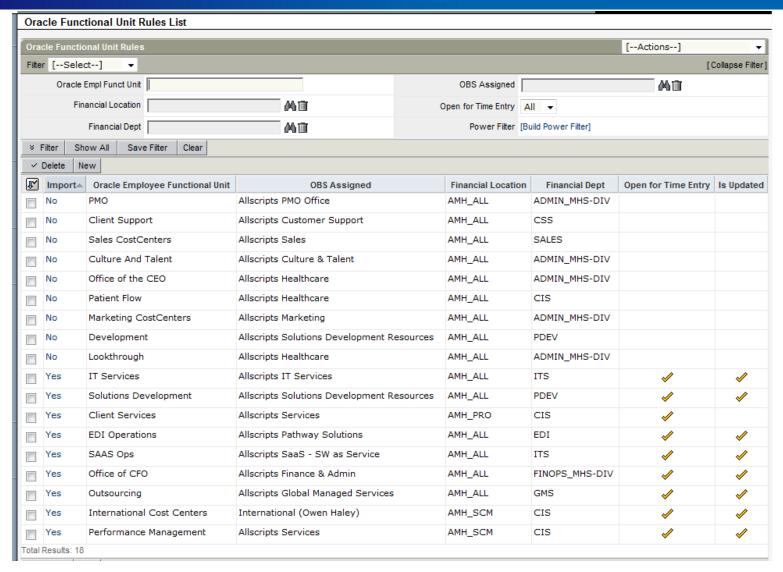
## **Creating Resources**Custom Object "Rules" Tables

## Goal: Maintain data mapping in CA Clarity user interface

- Determine which users to integrate with CA Clarity
- Determine values required CA Clarity attributes:
  - OBS Unit Association
  - Primary Role
  - Financial attributes
  - Security Group Membership
  - Other necessary standard & custom data attributes

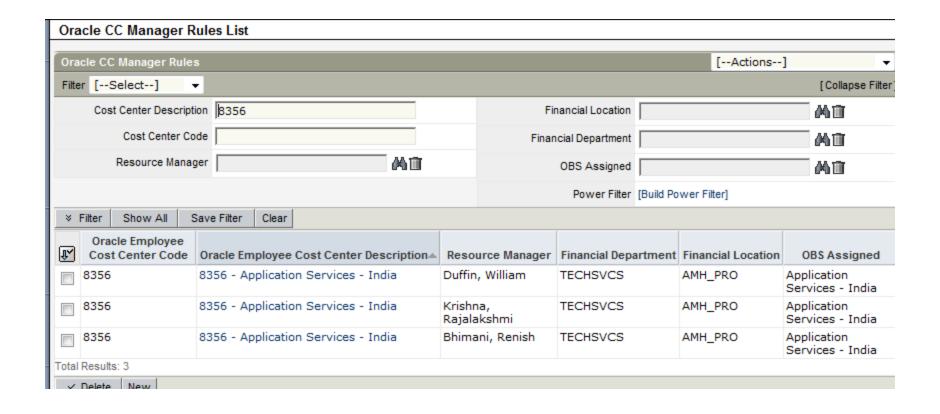
## **Creating Resources**

#### **Custom Object "Rules" Tables: Oracle Functional Unit Rules**



## **Creating Resources**

#### **Custom Object "Rules" Tables: Oracle Cost Center + Manager Rules**



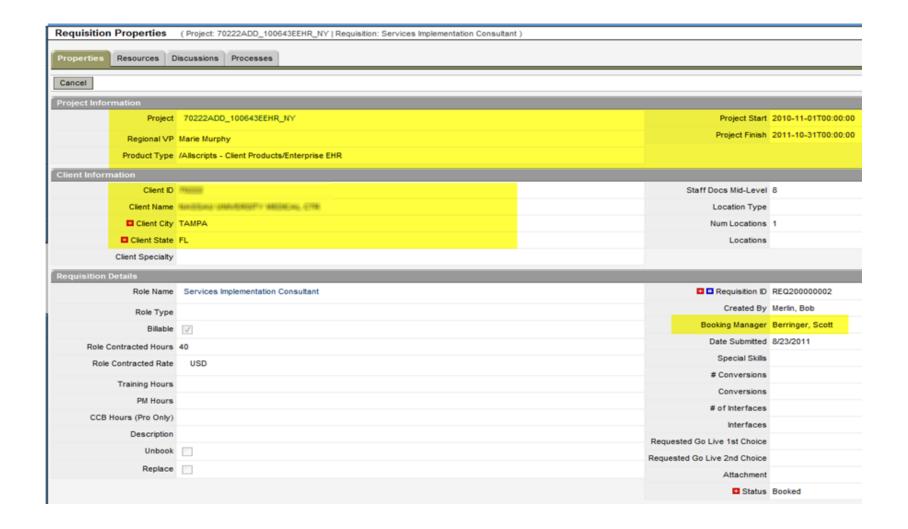
## Scheduling Resources Custom Object "Rules" Tables

#### Two ways:

- Out-of-the-box Requisitions
  - Custom 'tweaks' for data population, and notifications
- Custom Object: "Resource Request"
  - Increased granularity
  - WebApp Scheduler Tool
    - View scheduled resources by teams by project or by date

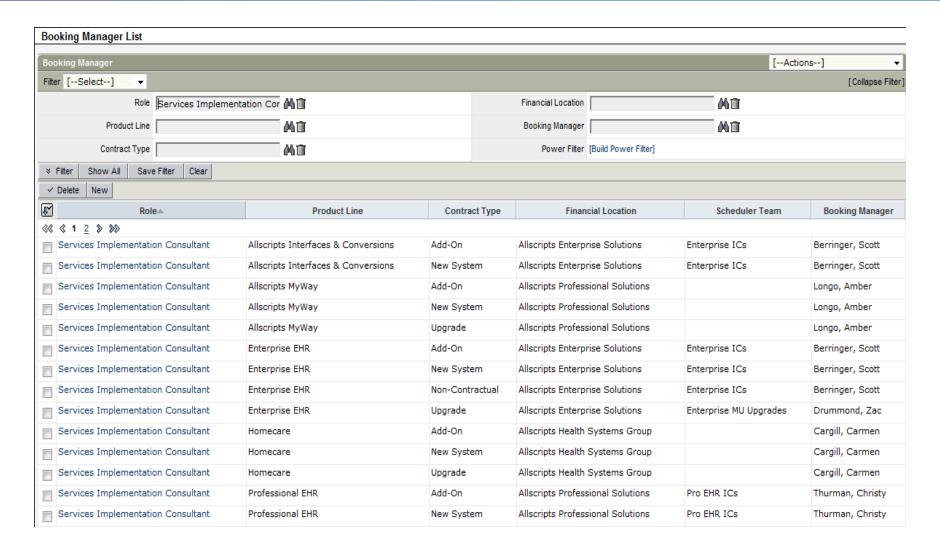


#### **Out-of-the-box Requisitions: Auto-Populated Data**





#### **Out-of-the-box Requisitions: Custom Routing/Notifications**





**Custom Object: 'Resource Request'** 

## Why use instead of Requisitions?

- Ability to book resources to greater level of detail
  - Hourly/Daily Level
- Generate a resource schedule to the same granular detail.
- Ability to store or use resource location as compared to assignment location
- Ability to view in 'grid' format groups of resources and their current

**Custom Object: 'Resource Request'** 

#### Workflow:

- Requester fills out Resource Request (Project Team Tab).
- Notification sent to Booking Manager and Requester that a request has been created.
- Booking Manager opens Resource Request Object to initiate scheduling request in CA Clarity.
- Booking Manager uses CA Clarity or WebApp to search for appropriate resources, based on the team's scheduling preferences.

Custom Object: 'Resource Request'

#### Workflow:

- Booking Manager assigns resource in CA Clarity via Custom Booked Resource and Booked Segment Sub-Objects.
- Resources is assigned to the project and allocation segments are set.
- Notification sent to Booking Manager, Requestor and Assigned Resource(s) regarding booking.

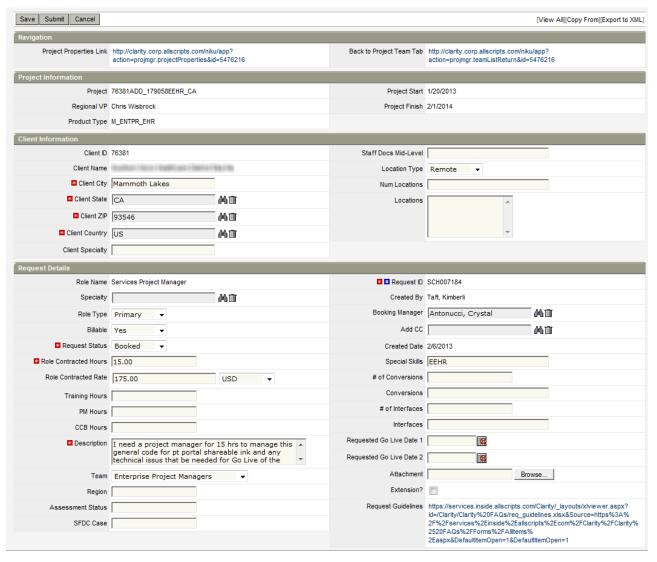
**Custom Object: 'Resource Request'** 

## Technology used:

- Custom Objects & Sub-Objects
- Process Engine
- XOG

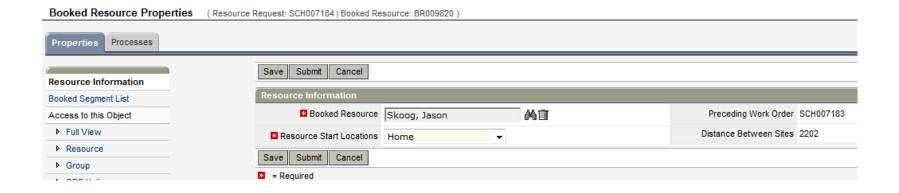


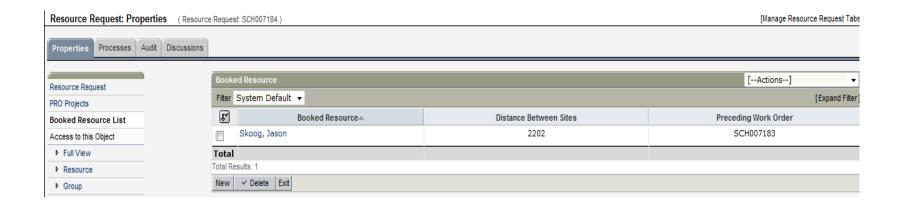
#### **Custom Object: 'Resource Request'**





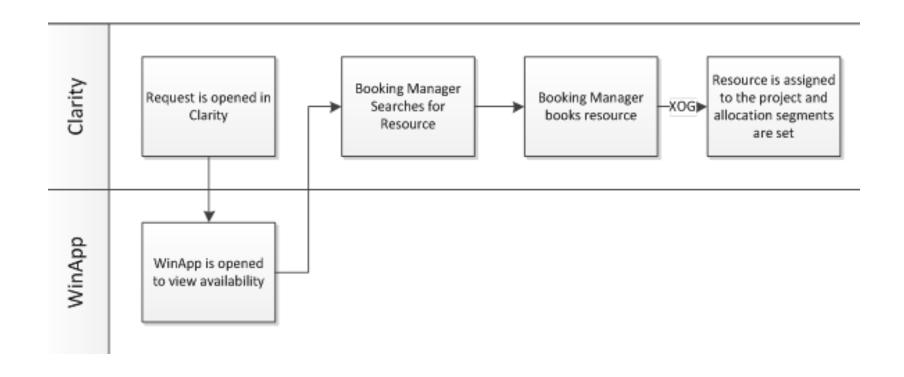
#### **Custom Object: 'Resource Request' / 'Booked Resource'**







#### **Clarity & WebApp Process Flow**

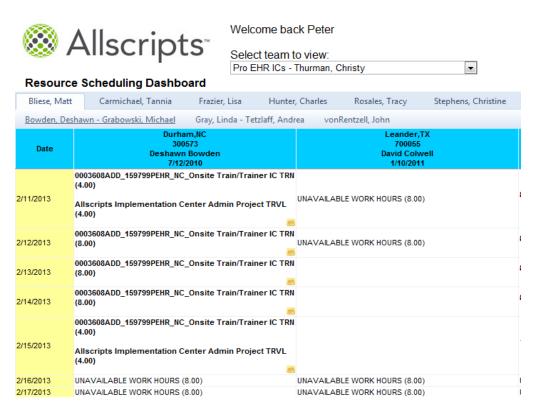




## Scheduling Resources WebApp Scheduling Tool

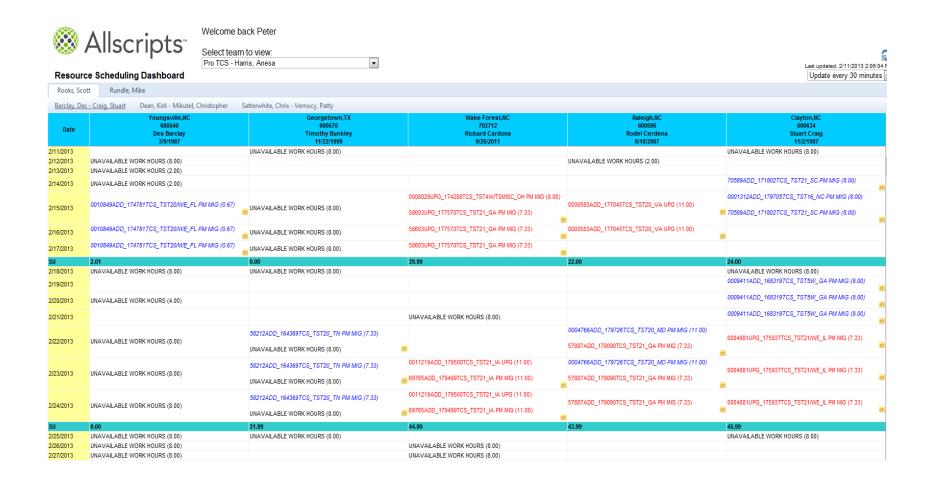
## WebApp Scheduling Tool:

- View booked resources by team
  - By project
  - By date
- Read Only





#### **WebApp Scheduling Tool**



## **WebApp – Custom Formatting**

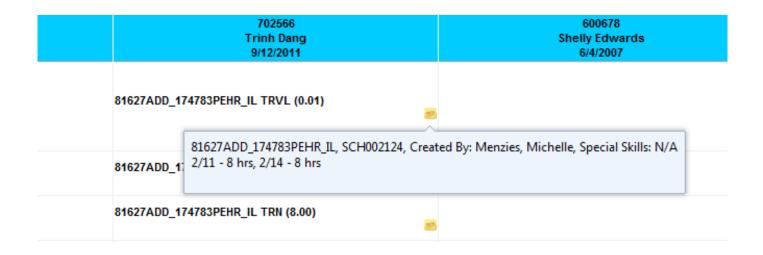
#### **Resource Scheduling Dashboard**

Rooks, Scot	Rundle, Mike	
Barclay, Des	- <u>Craig, Stuart</u> Dean, Kirk - Mikutel, Christopher	Satterwhite, Chris - Vernocy, Patt
Date	Youngsville,NC 600540 Des Barclay 3/9/1987	Georget 600: Timothy 11/22
2/11/2013		UNAVAILABLE WORK HOURS (
2/12/2013	UNAVAILABLE WORK HOURS (8.00)	
2/13/2013	UNAVAILABLE WORK HOURS (2.00)	
2/14/2013	UNAVAILABLE WORK HOURS (2.00)	
2/15/2013	0010849ADD_174781TCS_TST20/WE_FL PM MIG (0.67)	UNAVAILABLE WORK HOURS (
2/16/2013	0010849ADD_174781TCS_TST20/WE_FL PM MIG (0.67)	UNAVAILABLE WORK HOURS (
2/17/2013	0010849ADD_174781TCS_TST20/WE_FL PM MIG (0.67)	UNAVAILABLE WORK HOURS (



## Scheduling Resources WebApp Notes

## Pop-up notes are handy feature for schedulers:





#### **WebApp vs. Resource Planning Portlets**

### Data from BOTH 'Resource Requests' and Requisitions:

- ...is held the Task Assignment level.
  - Use of 'Effort Only Task' on Projects for Requests.
- ...is present in Time Slices

This allows ALL data to be accessible to Clarity Resource planning views!



## **WebApp vs. Resource Planning Portlets**

					<b>∢</b> Allocation					>	
	Resource			Investment Role	Investment	2/11/13	2/18/13	2/25/13	3/4/13	3/11/13	3/18/13
<b>*</b>	<u>1</u> 2 <u>3</u> <u>4</u> <u>5</u>	<u>6</u> <u>7</u>	8	9 10 > >>>							
,	Buckley, Anne	<b>?=</b> 0		Services Implementation Consultant	74201ADD_138960EPM_KY						
,	Buckley, Anne	<b>?=</b> 0		Services Implementation Consultant	0005414SYS_124073EPM_IL						
,,	Cheshire, Adam	<b>?=</b> 0		Services Implementation Consultant	71862ADD_115131PEHR_GA						
,,	Collette, Sheila	<b>##</b> 0		Services Implementation Consultant	77074SYS_159010PEHR_NV						
,,	Colwell, David	<b>#</b>		Services Implementation Consultant	58248ADD_164831PEHR_LA	24.00	56.00	24.00	40.00	56.00	24.00
] 🔎	Conrad, Peggy	<b>#</b>	×	Services Education Consultant	74201ADD_138960EPM_KY						
] 🔎	Conrad, Peggy	<b>#</b>		Services Implementation Consultant	0008253UPG_171279PPM_PA	40.00	40.00	32.00	40.00	40.00	40.00
م ا	Cosner, Leslie	<b>?=</b> 0		Services Implementation Consultant	58860UPG_157554PEHR_TN_Gold Skin						
] 🔎	Cosner, Leslie	<b>?=</b> 0		Services Implementation Consultant	68189ADD_144981PEHR_NC (Additional Training for Neuroscience & Spine Center)						
] 🔎	Davis, Lauryn	<b>/=</b> 0		Services Implementation Consultant	75113SYS_138761PPM_OH(CAO FAMILY MEDICAL CENTERS)						
] 🔎	Davis, Lauryn	<b>##</b> 0		Services Implementation Consultant	0000489UPG_157586PPM_NC						
] 🔎	Davis, Lauryn	<b>?=</b> 0		Services Implementation Consultant	78060SYS_172146PPM_AZ	40.00	40.00	40.00	40.00	40.00	40.00
,,	Edmonds, Shawn	<b>?=</b> 0		Services Implementation Consultant	59533SYS_34341EHR_FL_Additional training						
] 🔎	Edwards, Kim	<b>##</b> 0		Services Implementation Consultant	73841SYS_126373MMY_MI						
] 🔎	Edwards, Kim	<b>?=</b> 0		Services Implementation Consultant	76920SYS_157224MMY_MI						
] 🔎	Edwards, Kim	<b>?=</b> 0		Services Implementation Consultant	76360SYS_151001MMY_FL	40.00	40.00	40.00	40.00	40.00	40.00
,,	Edwards, Kim	<b>?=</b> 0		Services Implementation Consultant	76823SYS_156042MMY_NY Dr. Meyerberg						
,,	Edwards, Kim	<b>##</b> 0		Services Implementation Consultant	77610SYS_164816MMY_NY_Nicholas Gualtieri MD						
,	Edwards, Kim	<b>?=</b> 0		Services Implementation Consultant	77664SYS_165683MMY_NY Dr. Josephine Samson						
,	Edwards, Kim	<b>?=</b> 0		Services Implementation Consultant	75872SYS_146109MMY_MI						

#### WebApp vs. Resource Planning Portlets

#### **Resource Workloads Portlet:**





## Reporting

#### **Custom Utilization Reports**

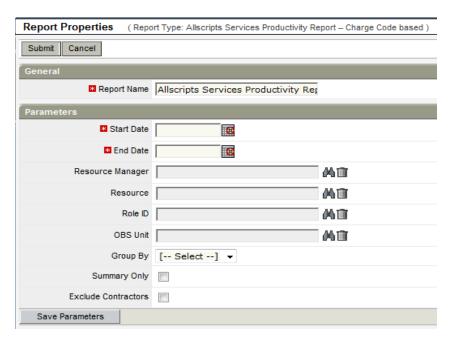
### Goal: Track Billable Productivity for Resources

- Standard Hours (Available)
- Total Hours
- Total Charged Hours / % Charged
  - Which means...
- Total Productive Hours / % Productive
  - Which means...



## Reporting

#### **Custom Utilization Reports**



Resource Name	Period End Date	Standard Hours	Total Hours	Total Charged	%Charged	Total Productive	%Productive	Implement	Issues	Class Training	Internal	Administration	Travel	Overhea
RMR (789)	02/05/2012	24	26.75	16.50	68.75%	16.50	68.75%	16.50	0.00	0.00	0.00	5.50	5	0
Holdin (Teary)	02/12/2012	40	49.00	30.50	76.25%	30.50	76.25%	30.50	0.00	0.00	0.00	8.50	10	0
Molifin (Teary)	02/19/2012	40	40.00	21.00	52.50%	21.00	52.50%	21.00	0.00	0.00	0.00	19.00	0	0
Molifin (Teary)	02/26/2012	40	40.00	6.50	16.25%	6.50	16.25%	6.50	0.00	0.00	0.00	33.50	0	0
Ballin (Tally)	03/04/2012	24	24.00	5.00	20.83%	5.00	20.83%	5.00	0.00	0.00	0.00	19.00	0	0
		168	179.75	79.50	47.32%	79.50	47.32%	79.50	0.00	0.00	0.00	85.50	14.75	0.00
	Grand Total	168	179.75	79.50	46.92%	79.50	46.92%	79.50	0.00	0.00	0.00	85.50	14.75	0.00



## **Summary A Few Words to Review**

- Resource creation
  - Custom object "mapping tables"
- Scheduling Work
  - Requisitions vs. Custom Object
  - Portlets
- Reporting
  - Utilization / Productivity



## **Recommended Sessions**

SESSION #	TITLE	DATE/TIME
PP101SR	What's New in CA Clarity™ 13.2	04/23/2013 at 8:30 am
PP213SN	Resource Management Why Project Management Can't Get Along Without It	04/23/2013 at 11:15 am
PP411SN	Successes and Failures of Rolling Out a Global Resource Management Process	04/24/2013 at 8:30 am

## Related Technologies

- Booth 205 & 207 CA Clarity™ Solution, CA Technologies
- Booth 206 CA Clarity™ Agile, CA Technologies
- Booth 204 CA Clarity™ Playbook, CA Technologies

# Q&A

ca World '13



#### **Session Evaluation**

- Download the CA World Mobile App now to provide your feedback about this session
- Session #:PP206SN

**Google Play** 



#### **iPhone**



