



# A developer's journey of Atlassian tools at M&G



JUSTIN LOW • DESIGN LEAD • M&G INVESTMENTS

# Agenda

BACKGROUND

WORKING PRACTICES

ATLASSIAN TOOLS

QUESTIONS





# We use...

## JIRA

Issue Tracking, Agile Boards...

## Stash

Code repository management, pull requests...

## Confluence

How to articles, retrospectives, application matrix...



















# Invictus Scrum Board

SPRINT: Invictus - 16.13 ▾ QUICK FILTERS: Hide RMP Hide Subtasks Recently Updated











- Sprint backlog
-  In development
-  On Hold
-  Internal testing
-  User testing
-  Ready to deploy

Timely Recording Monitoring 13 issues

COB - Enhancements 7 issues

	<p> <b>CAD-2695</b> </p> <p>↑ tf b3q exceptions: include all swap trades</p> <p>None <span>3</span></p> <hr/> <p> <b>CAD-1498</b> </p> <p>↑ OrderInflation: Fix incorrect original/target quantities on merged</p> <p>ExVantage <span>3</span></p>	<p> <b>CAD-2578</b> </p> <p>↓ OrderInflation: add 'client FUND NAV (LZ)' column</p> <p>None <span>5</span></p> <hr/> <p> <b>CAD-2773</b> </p> <p>↑ Counterparty Rate: Correctly count Misses</p> <p>None <span>5</span></p>		<p> <b>CAD-2205</b> </p> <p>↑ Timely execution: TF - show actual orders</p> <p>COBSReport <span>3</span></p> <hr/> <p> <b>CAD-2697</b> </p> <p>↑ tf b3q exceptions: system comments filtering</p> <p>None <span>1</span></p> <hr/> <p> <b>CAD-2699</b> </p> <p>↑ tf nwq exceptions: filter for system comments</p> <p>None <span>1</span></p>	
--	--	---	--	---	--

Misc 6 issues

<p> <b>CAD-2826</b> </p> <p>↑ OTC Trade Ticketing - test the migration</p> <p>None <span>5</span></p>	<p> <b>CAD-48</b> </p> <p>↑ Fund Turnover Calculation</p> <p>FundTurnover <span>8</span></p>		<p> <b>CAD-2674</b> </p> <p>↑ Equities C&amp;R: create report</p> <p>None <span>5</span></p>		<p><b>CAD-48 Fund Turnover Calculation</b></p> <p> <del>CAD-125</del> </p> <p>↑ Migrate to Office!</p> <p>None</p> <hr/> <p> <del>CAD-126</del> </p> <p>↑ Correct the calculation</p> <p>None</p>
--	---	--	--	--	---

# QUADS - Immediately show modal dialog if there is only one result

Comment Agile Board More Update Labels

Export

**Details**

Type: Story Status: **COMPLETE** (View Workflow)

Priority: Minor Resolution: Fixed

Component/s: None

Labels: None

Product Area: CAD - Invictus

As a: QUADS user

I would like: the modal details dialog to be displayed automatically if there is only result. Given this may be the case for people, the modal dialog should now also show a picture of the person so that I do not have to look at the results page to see what they look like.

So that: I do not have to manually click the link

Story Points: 2

Sprint: Invictus - 16.12

**People**

Assignee: Justin Low

Reporter: Justin Low

Votes: 0

Watchers: 3 Stop watching this issue

**Dates**

Created: 1 week ago

Updated: 2 days ago

Resolved: 6 days ago

**Development**

1 branch Updated 1 week ago

2 commits Latest 1 week ago

1 pull request **MERGED** Updated 1 week ago

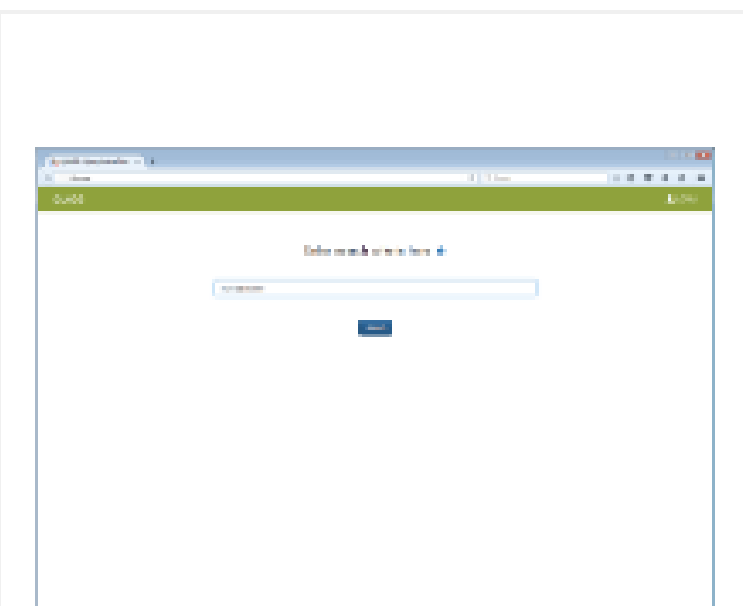
Create branch

**Agile**

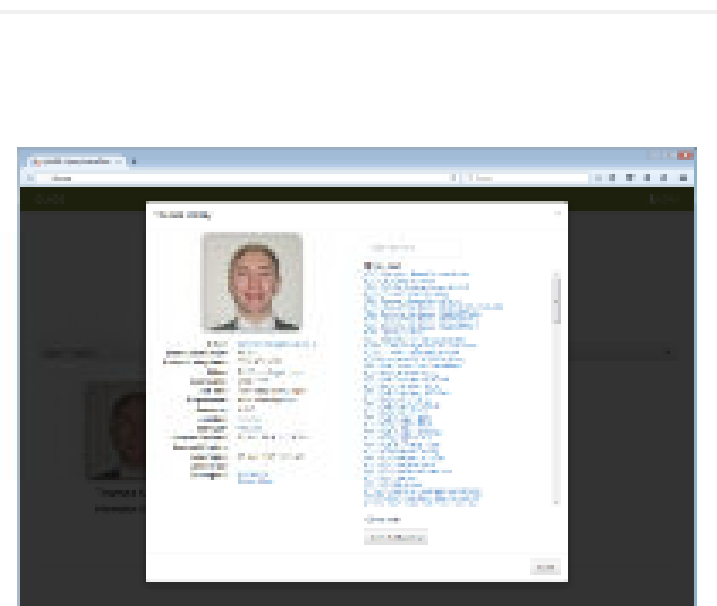
Completed Sprint: Invictus - 16.12 ended 29/Jun/16

View on Board

## Attachments



About to search for user which 25 kB 1 week ago



After clicking search - shows m 171 kB 1 week ago

# QUADS - Immediately show modal dialog if there is only one result

Comment Agile Board More Update Labels Export

**Details**

Type: Story Status: **COMPLETE** (View Workflow)

Priority: Minor Resolution: Fixed

Component/s: None

Labels: None

Product Area: CAD - Invictus

As a: QUADS user

I would like: the modal details dialog to be displayed automatically if there is only result. Given this may be the case for people the modal dialog should now also show a picture of the person so that I do not have to look at the results page to see they look like.

So that: I do not have to manually click the link

Story Points: 2

Sprint: Invictus - 16.12

**People**

Assignee: Justin Low

Reporter: Justin Low

Votes: 0

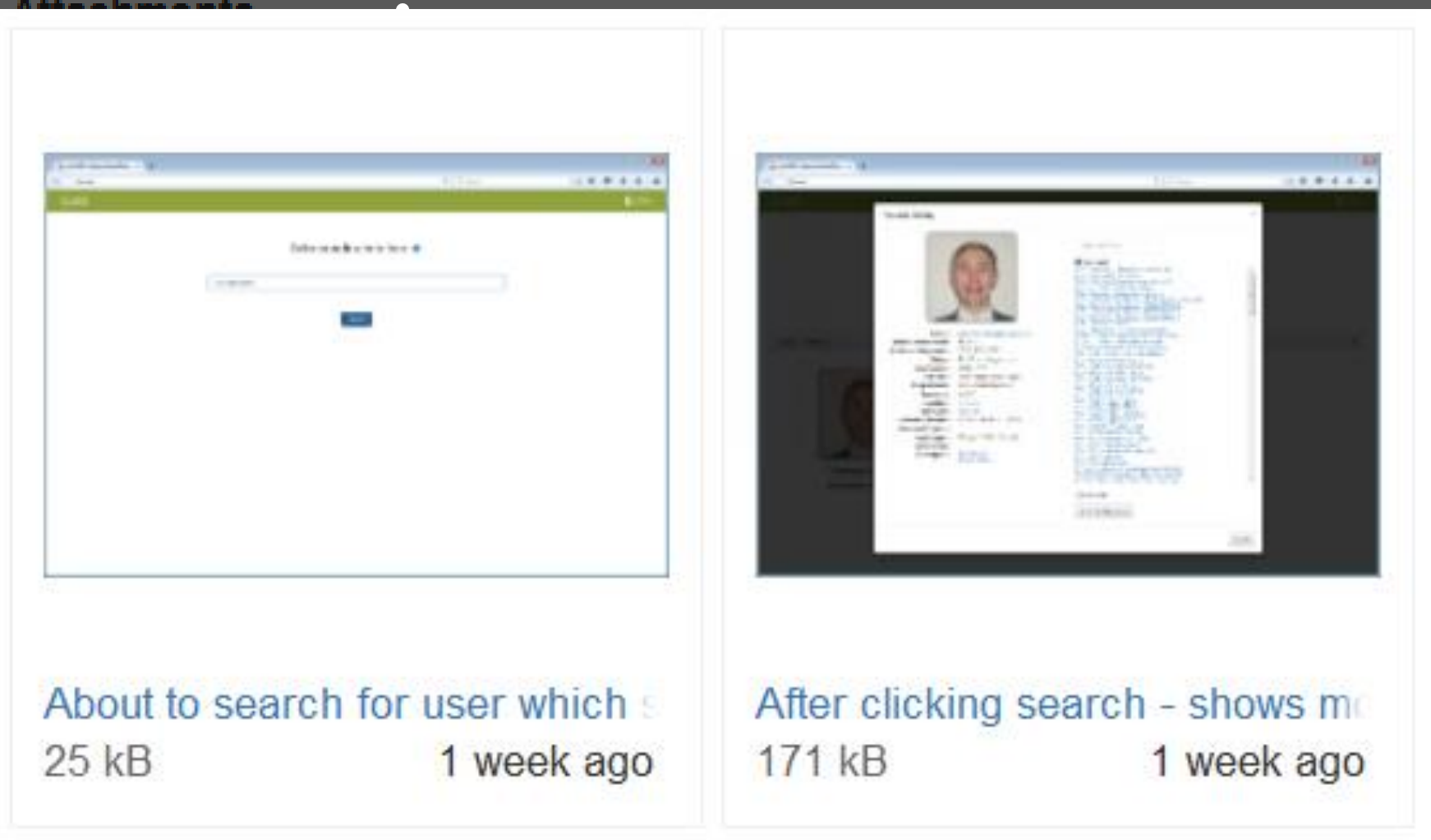
Watchers: 3 Stop watching this issue

**Dates**

**Development**

- 1 branch Updated 1 week ago
- 2 commits Latest 1 week ago
- 1 pull request **MERGED** Updated 1 week ago

Create branch



## Test evidence

## Integration with Stash for source control

Create branch

Agile

Completed Sprint: Invictus - 16.12 ended 29 Jun/16

View board





# QUADS - Immediately show modal dialog if there is only one result

[Comment](#) [Agile Board](#) [More ▾](#) [Update Labels](#)

[↗](#) [↴ Export ▾](#)

## Activity

[All](#) [Comments](#) [Work Log](#) [History](#) [Activity](#) [Transitions](#) [Source](#) [Reviews](#) ▾

> [CI Server](#) added a comment - 1 week ago SUCCESS: Integrated in RadApp.Quads.CI CI-1.0.0.25 (See <http://bdsihmaster:8081/job/RadAp...>)

▾ [CI Server](#) added a comment - 1 week ago

SUCCESS: Integrated in RadApp.Quads.INT ~~INT~~4.0.0.25 (See <http://bdsihmaster:8081/job/RadApp.Quads.INT/23/>)  
[CAD-2780](#) Modal dialog to be shown automatically if there is only one user/group result, image of person now to also be shown on modal details too. (lowj: rev ab01981db567427f68bd7d4a22715a071f531e10)

- QUADS/Scripts/App/domWrapper.js
- QUADS/Scripts/App/ViewModels/searchViewModel.js
- QUADS/Views/Home/Details/UserDetails.cshtml
- QUADS/Scripts/App/general.js
- QUADS/Scripts/App/ViewModels/userViewModel.js
- QUADS/Views/Home/Results/Users.cshtml
- environments.ps1
- QUADS/Content/custom.css

▾ [Joe Bloggs](#) added a comment - 1 week ago

Testing results:

When searching for eklund the details page is displayed immediately and it contains the picture of the person.

When searching for "APP MG1VAPPP01 - RAD SysTest Office Fund\_Turnover (RX)" the details page of the AD group is displayed immediately.

So the fix is working as expected.

▾ [Justin Low](#) added a comment - 6 days ago

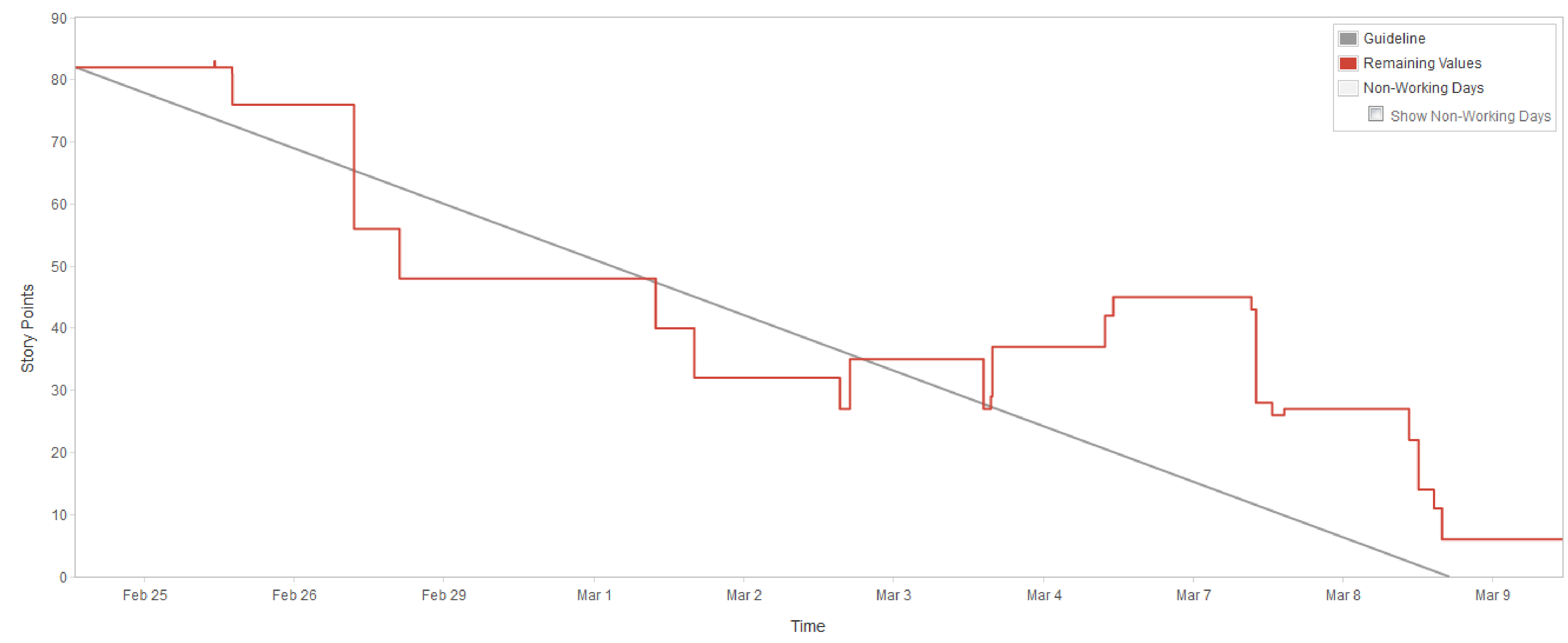
Tested by [Joe](#) and myself

[Comment](#)

APOLLO Scrum Board

- REPORTS
- Burndown Chart**
- Sprint Report
- Epic Report
- Epic Burndown
- Version Report
- Release Burndown
- Velocity Chart
- Control Chart
- Cumulative Flow Diagram

Burndown Chart APOLLO - 16.04 [How to read this chart](#)



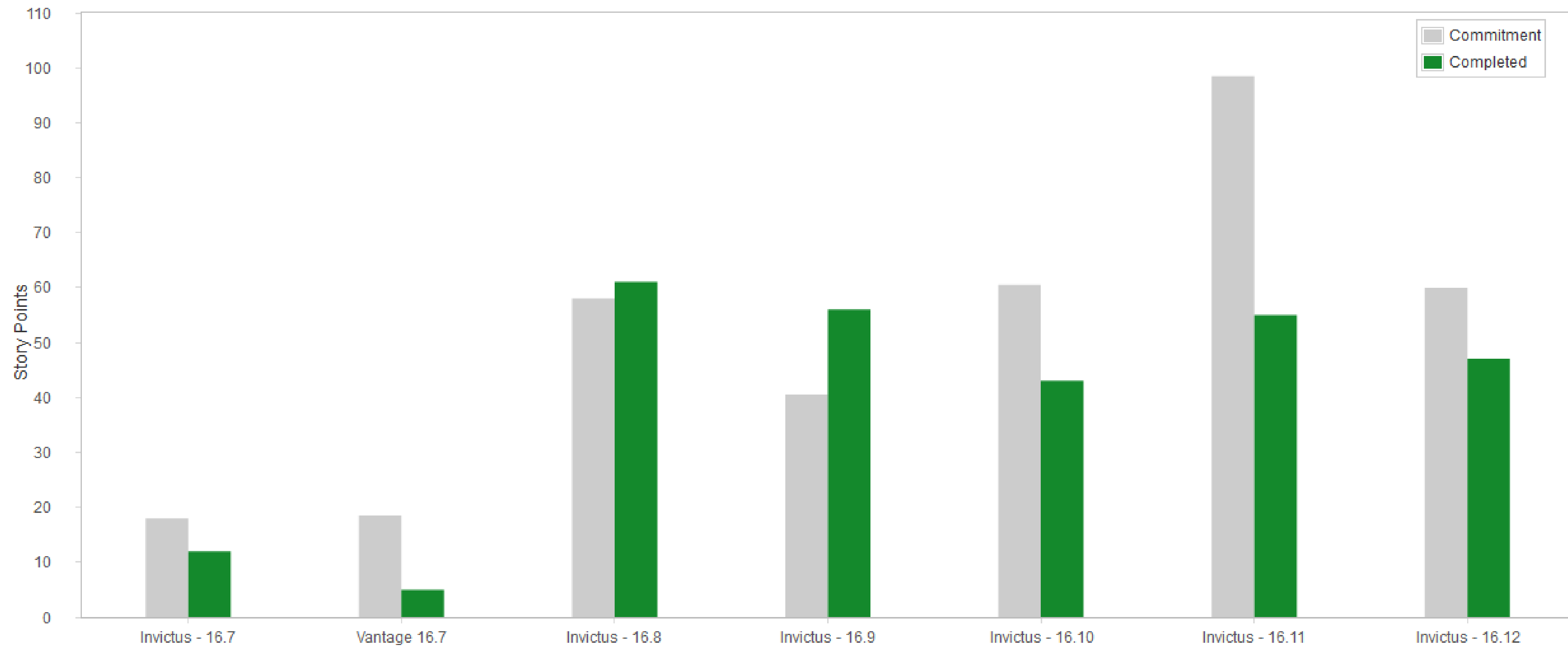
Date	Issue	Event Type	Event Detail	Story Points		
				Inc.	Dec.	Remaining
24/Feb/16 1:00 PM	CAD-1029	Sprint start		13		
	CAD-1098			5		
	CAD-1140			8		
	CAD-1148			0		
	CAD-1306			5		
	CAD-1304			0		

# Invictus Scrum Board

Plan Work Report Board ⌵ ⌴

- REPORTS
- Burndown Chart
  - Sprint Report
  - Epic Report
  - Epic Burndown
  - Version Report
  - Release Burndown
  - Velocity Chart**
  - Control Chart
  - Cumulative Flow Diagram

## Velocity Chart [? How to read this chart](#)



Sprint	Commitment	Completed
<a href="#">Invictus - 16.7</a>	18	12
<a href="#">Vantage 16.7</a>	18.5	5
<a href="#">Invictus - 16.8</a>	58	61
<a href="#">Invictus - 16.9</a>	40.5	56



# IS Factory

TP	Assignee	Live Date	Key	Summary	Status	Portfolio	Product Area	Start Date	Progress	Progress %
✓	Pa	08/Jan/16	CAD-653	Expenses at Work Extract from Aria - The request is for a simple extract of the limit changes made between 2 dates	COMPLETE	Central Serv	CAD - Apollo		<div style="width: 100%;"></div>	100%
✓	Fe	30/Dec/16	ISF-1	Corporate Warehouse Factory	COMPLETE	Strategic		04/Jan/16	<div style="width: 100%;"></div>	100%
✓	Go		CWF-319	Rel8: Coordinate FX API to RAD: SIT to Tech Signoff - coordinate control m is right for all teams in SIT and U	READY FOR P		Corporate War		<div style="width: 100%;"></div>	100%
✓	Pa		INT-1177	CDW Issuer adapter: country code fix - We have a change required in the CDW GS Issuer adapter (to refine the cou	PRE PROD		INT - Falcon		<div style="width: 100%;"></div>	100%
✓	Ru		CWF-592	Add extract status for Extract files - Add a way of capturing extract status - whether is running, finished etc. At the be	PRE PROD		Corporate War		<div style="width: 100%;"></div>	100%
●	Ur	26/Feb/16	CWF-225	Migrate as dealt positions to snapshot(link) model including history - this is the order to expose all data point in the	RADAR	Strategic	Corporate War	18/Jan/16	<div style="width: 50%;"></div>	50%
	Ur		CWF-224	Backlog not scheduled	RADAR	Strategic	Corporate War		<div style="width: 31%;"></div>	31%
	Ur		CWF-706	Update HODS metadata to support GICS classification sector change - We've been informed that the GICS classifi	SPRINT BACK		Corporate War		<div style="width: 0%;"></div>	0%
	Ur		CWF-213	DMT Functional Requirements - DMT have provided the CDW team with a number of functional requirements. They	RADAR	Strategic			<div style="width: 13%;"></div>	13%
	Ur		CWF-573	Tech Debt: Add all app specific exceptions to pk_utils of utils package per schema - It came out as a discussion re	SPRINT BACK		Corporate War		<div style="width: 0%;"></div>	0%
	Ur		CWF-601	Institutional Fixed Income Reporting	TO DO		CAD - JAM		<div style="width: 50%;"></div>	50%
	Ur		CWF-647	Create transaction contract message - Use the information provided by Sanaz in the attached e-mail to construct a	RADAR	Strategic	Corporate War		<div style="width: 0%;"></div>	0%
	Ur		CWF-692	Load historic confirmed position into HODS	DELIVERY	Strategic			<div style="width: 60%;"></div>	60%
Analysis	Ur		CWF-732	design the daily Conf.Pos Extract	SPRINT BACK		Corporate War		<div style="width: 0%;"></div>	0%
	Fe		CWF-731	Fund X {CRLF} clean up - Currently the new ISDM FUND feed is broken because of the issue below... This story will	IN PROGRES		Corporate War		<div style="width: 0%;"></div>	0%
	Ur		CWF-728	Historic Sampling: Historic Bulk Load - First development for historic sampling - this is to populate the historic sam	BACKLOG		Corporate War		<div style="width: 0%;"></div>	0%
	Ur		CWF-714	FODB Historic Synthetic Cash Instruments Take-on - As part of the historical confirmed positions take-on... We nee	SPRINT BACK		Corporate War		<div style="width: 0%;"></div>	0%
Analysis	Ur		CWF-718	GS Credit Rating History	SPRINT BACK		Corporate War		<div style="width: 0%;"></div>	0%
	Fe	01/Apr/16	CWF-17	Historical transactions and trades report - Story *** As an Investment Specialist or FMA in FI	PIPELINE	Strategic	INT - CDW	04/Jan/16	<div style="width: 100%;"></div>	100%
	Ma		ISF-4	Non-cleared Margin	RADAR	Regulatory		04/Jan/16	<div style="width: 0%;"></div>	0%
✓	Ur		ISF-141	EMIR Reporting - Add link when available. Q1 2016. Requirements to follow form Saajid when available.	CANCELLED	Regulatory	ST INT - STP		<div style="width: 100%;"></div>	100%
✓	Ur		ISF-140	DRP Reporting - Add link when available. Systems Analysis underway with Paul Kelley. Forecast 1 FTE Feb-May an	CANCELLED	Regulatory	ST Integration	15/Feb/16	<div style="width: 100%;"></div>	100%
	Ma	16/Dec/16	BC-175	OTC Clearing	RADAR	Regulatory		04/Jan/16	<div style="width: 81%;"></div>	81%
	Ur		INT-301	DRP Clearing - OTC Price File enhancement (CCP Prices) - http://isconfluence.mandg.co.uk:8080/display/INT/OTC	RADAR	Regulatory	B8 INT - BatchDat		<div style="width: 0%;"></div>	0%
	Ur		INT-445	DRP Clearing - Load Cash Variation Margin to thinkFolio - Requirement: For available cash within Thinkfolio to be	RADAR	Regulatory	B8 Integration		<div style="width: 0%;"></div>	0%


Number of Jira issues raised

40,222



**Atlassian**  
 **Stash**





RAD - dotNet Apps  
**QUADS**

Clone Pull Request

Files Commits Branches **Pull requests**

Open Merged Declined

ID	Title	Author	Reviewers	Source	Destination	Updated
#36	Feature/CAD-2792 quads enforce cache busting on js	Justin Low		feature/CAD-2792-quads-...	develop	4 days ago
#35	Bugfix/CAD-2779 quads fix grid issue where longer	Justin Low		bugfix/CAD-2779-quads-f...	develop	1 week ago
#34	Feature/CAD-2780 quads immediately show modal dialog	Justin Low		feature/CAD-2780-quads-...	develop	1 week ago
#33	Feature/CAD-2097 eliminate veracode flaws in quads	Justin Low		feature/CAD-2097-elimin...	develop	03 May 2016
#32	Feature/CAD-2097 eliminate veracode flaws in quads	Justin Low		feature/CAD-2097-elimin...	develop	29 Apr 2016
#31	Feature/CAD-1993 quads calculate external phone number	Justin Low		feature/CAD-1993-quads-...	develop	19 Apr 2016
#30	Feature/CAD-1947 quads search for computers	Justin Low		feature/CAD-1947-quads-...	develop	14 Apr 2016
#29	Feature/CAD-1604 quads show colleagues	Justin Low		feature/CAD-1604-quads-...	develop	23 Mar 2016
#27	Feature/RADSP-1042	Susan Cusack		feature/RADSP-1042	develop	06 Jan 2016
#26	Feature/RADSP-832 quads change config of dev server	Justin Low		feature/RADSP-832-quads...	develop	11 Nov 2015
#25	Feature/RADSP-830 add external telephone mobile to	Justin Low		feature/RADSP-830-add-e...	develop	09 Nov 2015
#24	Feature/RADSP-820 quads source photos from sharepoint	Justin Low		feature/RADSP-820-quads...	develop	04 Nov 2015
#23	Feature/RADOB-394 add filter for compared users membership	Justin Low		feature/RADOB-394-add-f...	develop	15 Oct 2015

Feature/CAD-2578 orderinflation add client fund nav

4 Reviewers

Overview Diff Commits

Changed files SQLScripts / Objects / SPs / dbo.sp\_COB\_LZ\_OrderInflation.StoredProcedure.sql MODIFIED

- Excel
src/COBReport.xlsm
modData.bas
modReport.bas
COB Report.xlsm
SQLScripts/Objects/SPs
dbo.sp\_COB\_LZ\_OrderInflation.StoredProcedure.sql

```
58 58 e.execution_currency as 'Execution Currency',
59 59 dbo.fn_COB_mglz_datetime(e.execution_datetime) as 'Execution Date Time',
60 60 e.execution_qty as 'Executed Amount',
61 61 e.execution_val as 'Gross Consideration (Instrument Base)',
62 62 e.execution_val * fx_fund.cross_rate / fx_exec.cross_rate as 'Executed Value (Fund Base)',
63 63 e.cpty_id as 'Counterparty',
64 64 e.execution_price as 'Price',
65 65 e.posted_by as 'Executed By',
66 66 o.summary_status as 'Status',
67 67 i2.issued_capital as 'Issue Size',
68 - c.net_asset_value as 'Fund NAV (LZ)',
69 - c.currency_id as 'Fund Currency',
68 + baseFund.net_asset_value as 'Fund NAV (LZ)',
69 + coalesce(clientFund.net_asset_value, baseFund.net_asset_value) as 'Client Fund NAV (LZ)',
```



Justin Low

Has Mike given any indication as to the currency this is displayed in?

Reason is some examples, e.g. NAVF-CF for client fund is in GBP but the base fund NAV for NAVF is in USD

```
select a_client.account_id, a_client.net_asset_value [client nav], a_client.currency_id, a2.account_id, a2.net_asset_value [base nav], a2.currency_id,
from account a_client
left join account a2 on a2.account_id = substring(a_client.account_id, 1, charindex('-', a_client.account_id, 1) - 1)
where RIGHT(a_client.account_id,3) = '-CF'
and a_client.net_asset_value <> a2.net_asset_value
order by 7
```





Justin Low  
Useful

Clone Pull Request

Files Commits Branches Pull requests **Settings**

- Repository details
- Hooks**
- Pull requests
- Branching model
- Audit log
- Access keys


---

- PERMISSIONS
- Repository
- Branch


## Hooks Add hook [Learn more](#)


Hooks allow you to extend what Stash does every time the repository changes (for example, when new code is pushed or when a pull request is merged). Hooks are installed by the system administrator and can be enabled by project administrators on a per-repository basis.

### Pre receive - reject commits that don't match your policies

- 
**Force Blocker Hook**
Disabled Enabled


Block any force pushes (that risk re-writing commit history) to the default branch.
- 
**Reject Force Push**
Disabled Enabled


Reject all force pushes (git push --force) to this repository
- 
**Review Enforcer Hook**
Disabled Enabled


Check that at least one nominated person has reviewed a pull request when merging to develop or a release branch.
- 
**Squash Checker Hook**
Disabled Enabled

Check there is only a single (squashed) commit when merging to develop or a release branch.

### Post receive - perform actions after commits are processed

- 
**HipChat Push Notification**
Disabled Enabled

Sends a notice to the specified HipChat room whenever someone pushes to the repository.
- 
**Jenkins Kicker Hook**
Disabled Enabled

Kick a Jenkins job whenever there is a commit on the develop or release branch.
- 
**WWW Logger Hook**
Disabled Enabled

Logs to the WWW space in Confluence when a version of a repo is promoted.

Justin Low Useful

Clone Pull Request

- Repository details
Hooks
Pull requests
Branching model
Audit log
Access keys

- PERMISSIONS
Repository
Branch

Hooks Add hook Learn more

Hooks allow you to extend what Stash does every time the repository changes (for example, when new code is pushed or when a pull request is merged). Hooks are installed by the system administrator and can be enabled by project administrators on a per-repository basis.

Pre receive - reject commits that don't match your policies

- Force Blocker Hook: Block any force pushes (that risk re-writing commit history) to the default branch.
Reject Force Push: Reject all force pushes (git push --force) to this repository.
Review Enforcer Hook: Check that at least one nominated person has reviewed a pull request when merging to develop or a release branch.
Squash Checker Hook: Check there is only a single (squashed) commit when merging to develop or a release branch.

Post receive - perform actions after commits are processed Integration with Jenkins

- HipChat Push Notification: Sends a notice to the specified HipChat room whenever someone pushes to the repository.
Jenkins Kicker Hook: Kick a Jenkins job whenever there is a commit on the develop or release branch.
WWW Logger Hook: Logs to the WWW space in Confluence when a version of a repo is promoted.

Jenkins Kicker Hook: Kick a Jenkins job whenever there is a commit on the develop or release branch.

 **Confluence**



CAD Team

Pages

Blog

SPACE SHORTCUTS

- Application Matrix
- CAD Design Forum
- Retrospectives
- Stakeholder reports
- How-to articles
- Troubleshooting articles
- Meeting notes
- Product requirements
- Objectives and Appraisals
- File lists
- Shared links
- Decision log
- Application IPE Report

CHILD PAGES

- Retrospectives
  - 2016-06-14 Invictus Retrospectiv...

+ Create child page

Space tools <<

# 2016-06-14 Invictus Retrospective (16.11)

Created by Dan Mochizuki, last modified by Manuel Escobar on Jun 17, 2016

Date	14 Jun 2016
Participants	@Dan Mochizuki @Manuel Escobar @Randy Wilson @Justin Low

## Retrospective

### Team Health

Name	Week 1	Week 2	Comments
Randy Wilson	☹️	☹️	Feel like not getting enough throughput. Releases took too long and is too painful!
Manuel Escobar	tbd	😊	Going on holiday. And Spain won their first match.
Nickard Escobar	😊	😊	Trudging along, nothing in particular.
Justin Low	😊	☹️	Getting the automated deployment after YEARS of trying to get it through.  COBS work is dragging on and no end in sight.

### +Δ


**Plus**

- Internal testing actually useful (for once)
- Automatic release proves really useful in releasing to UAT/LIVE
- Good/speedier to have in-person meetings w/ the users
- Sorted out permissions to the EUC estate
- VBA pull requests are considerably easier to review due to the code saving plugin

### Actions

**Delta**

- Some permissions that are not all there
- Swaptions template hit us last minute, and its configuration had errors in it
- Second sprint were the rug is pulled from under our feet, i.e. the planned & estimated work was withdrawn on the first day of the sprint
- COBs work doesn't appear to have an end state

 Business Application Matrix

**Pages**

Blog

SPACE SHORTCUTS

How-to articles

CHILD PAGES

- Application Matrix
  - CORONA
    - + Create child page

Space tools ▾

# CORONA

Created by [Andrew Deane](#), last modified by [Kishan Prasad](#) on Jun 15, 2016

## Application Details

<b>Delivery Team</b>	APOLLO
<b>Primary Developers</b>	<a href="#">@Mark Ready</a> <a href="#">@Harry Harbridge</a> <a href="#">@Liam Neesham</a> <a href="#">@Justin Low</a> <a href="#">@John Hamilton</a>
<b>Secondary Developers</b>	
<b>Technical Stack</b>	ASP.Net MVC, Web API 2,
<b>Data Sources</b>	Frontier Service (FODB), Bacardi Service (BAD Data Store), ARA Files, Prose Service (Exchange Rates)
<b>Support Page</b>	
<b>Support Handed Over</b>	
<b>Business Criticality</b>	High
<b>Usage Frequency</b>	Daily
<b>Business Unit</b>	Risk
<b>Business Owner</b>	<a href="#">Justin Low</a>
<b>Business Key Contact</b>	<a href="#">Chris Pridg</a> , <a href="#">Dulha Pardey</a> , <a href="#">Asha Patel</a>
<b>Stash Repository</b>	<a href="http://isstash.mandg.co.uk:8080/projects/RDA/repos/corona/browse">http://isstash.mandg.co.uk:8080/projects/RDA/repos/corona/browse</a>

## Requirements and Support

### Application Summary

<b>Business Overview</b>	CORONA is a collateral reporting tool for OTC (Over The Counter) trades used by the Risk team to generate extracts used to send to collateral managers to indicate which trades to collateralise as well as for internal reports. It is the replacement application for the Risk OTC Valuation (Access) system.
<b>Technical Overview</b>	<p>The application sources trade information from FODB via Frontier for FFX trades (Forward FX) and directly from ARA files produced from ALGO for other OTC trades (e.g. CDS, CDX, IRS, Inflation Swaps).</p> <p>The various processes of the application are as follows:</p> <ul style="list-style-type: none"> <li><b>Stage</b> - Extracts data from Frontier/ARA files in their raw format into staging tables</li> <li><b>Import</b> - Filters out irrelevant trade types, maps codes (e.g. counterparty, fund) using Bacardi mappings</li> <li><b>Match</b> - Joins the legs of trades together and calculates MTM (Mark-to-Market)</li> <li><b>Analytics</b> - Shows MTM movements above a particular tolerance</li> <li><b>Report</b> - Generate extracts for internal/external distribution</li> </ul>
<b>IPE Owner</b>	<a href="#">Justin Low</a>
<b>SOX Controls</b>	MR1

- How-to articles
- Troubleshooting articles
- Meeting notes
- Product requirements
- Objectives and Appraisals
- File lists
- Shared links
- Decision log
- Application IPE Report
- BLOG
- 2016
  - July
  - June
    - Code Dojo 6 - Outside In T...
    - Visual Studio Woes
    - ContainerSched 2016
    - Code Dojo 5 - Baby steps ...
    - SoCraTes UK 2016
    - Changes to the USERS - R...
    - Stash Nuget References (n...
    - What better way to spend ...
    - Software Design and Devel...
    - Code Dojo - Mars Rover (a...
  - May
  - April
  - March
  - February

Blog / 2016 / June / 07

Edit Watch Share

# SoCraTes UK 2016

Created by [Jonathan Pritchard](#), last modified on Jun 08, 2016



**TL;DR** The software craftsmanship community are welcoming, supportive and a fabulous bunch of diverse people. The SoCraTes UK 2016 event was excellent and I would definitely go again!

As Jonathan has already mentioned, I had the genuine pleasure of participating from Thursday to Sunday last week in the annual SoCraTes UK 2016 "unconference" in the scenic Wotton House hotel in Surrey. The event was organized by Codurance and the London Software Craftsmanship Community (this link won't work at work!) as a means of bringing together people interested in sharing and learning about software craftsmanship and improving our profession.

This was the first *unconference* and *open space* event I'd been to, which basically means that there is no preset agenda and list of speakers as per a regular conference. Instead, each participant is invited to propose sessions for anyone in the group to attend which included coding sessions (e.g. katas and technology hands on), group discussions and presentations. The *unconference* style meant that delegates were free to carry on with sessions as long as they like (i.e. into the night!) beyond the core hours of 9am to 6pm. Sandro Mancuso, who is facilitating the Code Dojos for the CAD Team, was certainly taking advantage of this and was mostly nocturnal!



Each day started with an "open circle" where delegates queued to pitch their session ideas to everyone and then place their sessions on a "marketplace" wall which essentially mapped timeslots to available meeting places, as seen in the marketplace pictures below for Saturday and Sunday:



# Questions?





**Thank you!**



**JUSTIN LOW • DESIGN LEAD • M&G INVESTMENTS**