

Collabora in IQX

Michael Scott

Software Architect

IQX Limited

mhs@iqx.co.uk



Collabora
Online

Technical Day
COOL
—days—



LibreOffice Technology





What is IQX?

- A long established application for managing temp recruitment businesses
 - High volume shift filling
 - Complex qualification and compliance requirements
 - Matching intricate shift patterns with availability
 - Document management
 - CRM
 - Paying and Billing
 - Word Processing!



IQX Architecture

- Two-Tier Client-Server
- Windows MDI
- Increasingly complex to install and maintain, particularly in a cloud environment, so becoming uneconomic for smaller users
- What to do?



IQXanywhere

- SaaS
- The full IQX product in a browser
- Zero install
- Easily accessible for small businesses and startups



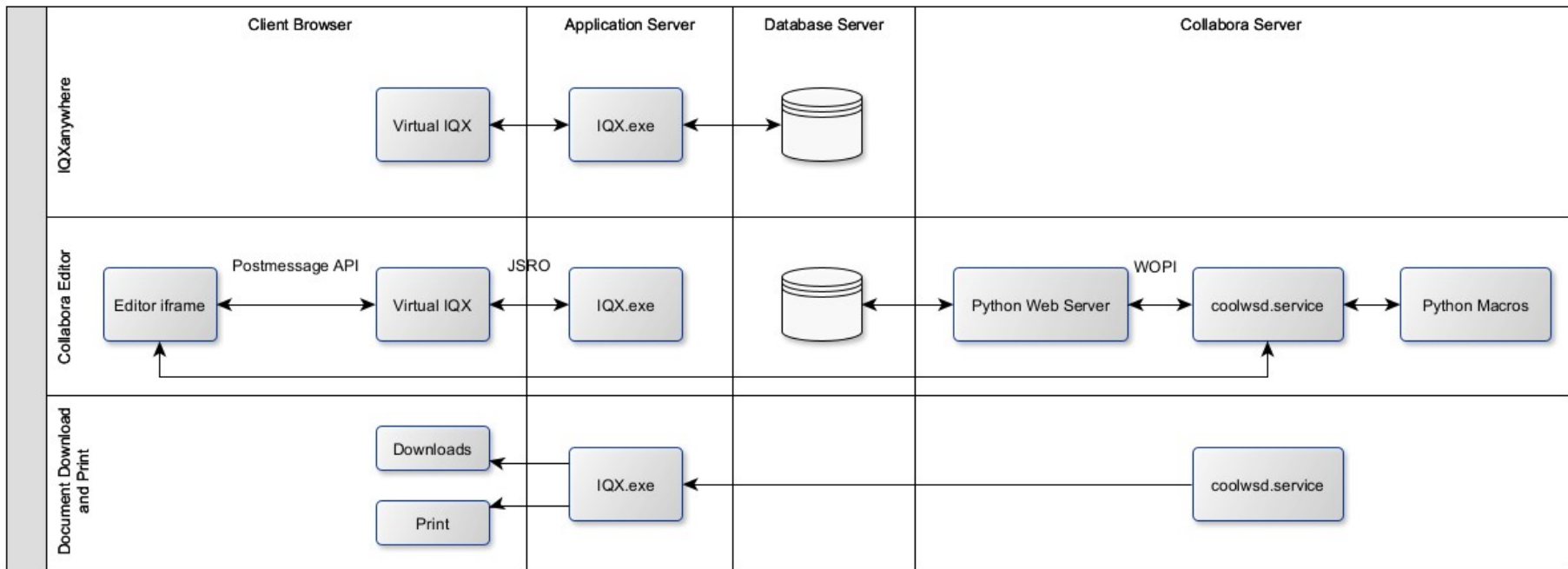
Word Processing in IQX

- Requirements:
 - Ability to closely control the WP from IQX code, including mail-merging
- History
 - Early 90s (DOS): Word Perfect
 - Late 90s: MS-Word in a Delphi OleContainer
 - From early 2000s: External MS-Word controlled by OLE Automation
 - 2020s (SaaS product): MS-Word not practical or commercially viable for SaaS. 3rd party Delphi component works up to a point, but cannot handle more complex documents
 - So where do we go?



Implementing Collabora

- Initial challenge: It could not be hosted in a Delphi browser component because the virtualisation engine does not support it
- So it was necessary to explicitly create an iframe on top of the virtualisation canvas
- We need control of document internals to manage merge fields, which we do with python macros
- We need to access different representations of the document for various purposes – PDF, HTML, TXT – so we make extensive use of Action_Export messages
- We need to email documents as either HTML bodies or PDF attachments





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Text Person Fergus Adams

MHS

20/03/2023

Fergus Adams

MHS

Mobile 07970 888999

E-mail mhs@iqa.co.uk

Letter for Fergus Adams

Document Fields

Search

Letter

- Today's Date
- Recipient Name
- Recipient Address
- Recipient Salutation
- Signatory Name
- Signatory Title
- Signatory EMail Address
- Signatory Mobile
- Signatory Direct Dial
- List of Attached CVs
- Phone Numbers
- Candidate
- Client
- Vacancy
- Progress
- Placement
- Contact Event
- Branch etc.

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Heading 4

Fergus Adams

789 Main Road

London

E10 5JJ

20th March 2023

Dear Fergus

Yours sincerely

Michael Scott

Senior Consultant

Insert Field

Search

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IQXanywhere - Aadvark copy of Demo - Michael Scott

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| | Time | 11:38 | Linkedin |
| | Type | Candidate Update | Fergus_Adams@qxdemo.co.uk |
| | Summary | Details check | |
| | Outcome | | |
| | Callback | | |
| | Callback Time | | |
| | Priority | 5 | |
| | Created By | MHS | |

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Fergus Adams
789 Main Road
London
E10 5JJ

20th March 2023

Dear Fergus

Yours sincerely

Michael Scott
Senior Consultant

Editor paused...



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Georgia Alva

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Heading 4

3 of 19

Print Out

All

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Print Only

Email Where Available

Stella Adkins
6 Telford Road
Bathgate
EH47 8WW

20th March 2023

Dear Stella

Yours sincerely

Michael Scott
Senior Consultant

Search Page 1 of 1 14 words, 92 characters Insert Standard selection English (UK) Edit

Thank you!

Michael Scott
mhs@iqx.co.uk

IQX Limited
iqxanywhere.co.uk

