



NETROPOLIX

cmOffice

Board Of Advisors

25th January 2022





Agenda

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|----------------------|--|
| 10.00 – 10.30 | Topics scan – Software wish list |
| 10.30 – 11.00 | Development overview 2020 until now |
| 11.00 - 13.00 | Future Developments <ul style="list-style-type: none">• cmOffice 2.0• Hybrid & Virtual events |
| 13.00 – 14.00 | <i>Lunch</i> |
| 14.00 – 16.00 | Key development priorities |
| 16.00 – 17.00 | Open discussion & any other topic |



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Topics scan – Software wish-list

Better integration between the modules of cmOffice

Extension of Abstract Submission options in Configuration Manager

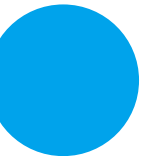
cmVirtual (Virtual congress platform) improvements



Conference app –as part of the cmOffice suite

Improved Online scientific programme

Virtual platform for the future





Leveraging cmOffice as an e-Learning platform
cmOffice (web pages) as central point for educational offering. For Members & Partners

CME accreditation for on-demand content

e-Learning: Type of Netflix user experience

Membership: Recurring payment

Membership: Integrations with email marketing

Scientific Program development road map - new Searchable Programme and related features

Shared knowledgebase – cmOffice usage related best practices sharing

Membership online forms and cmOffice membership features development





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- March 17, 2020 – Belgium announces lockdown starting the 18th
 - One team ready to go to Barcelona (EBCC , starting on the 18th)
 - One team (almost) ready to go to Gothenborg (EAHP, starting on the 25th)
 - One team (almost) ready to go to Abu Dhabi (ISN, starting on the 26th)
 - ...
- Decision
 - COVID only for a few weeks ?
 - Or, should be pro-actively take action ?
 - A week later, we decided to start working on a virtual platform

Between March 2020 and August 2020, over **3.000 hours** of dev.



We tried to be smart

Use our experience

Make use of existing tools / applications, to make speed

Invest in something future proof

New product: “cmVirtual”

Prerequisites & conditions :

Fully integrated with cmOffice

Fully integrated with our cmDisplayClient, our PPT distribution system

The solution should still be service driven

As standard as possible, but customisable

- Important for our ROI
- Definition of “virtual user experience” per client/project



- As of summer 2020, we have been supporting (many) virtual events
 - existing clients
 - new clients
 - new market (webinars, smaller events)
- Winter 2020:
 - Changes / updates based on lessons learned
 - Adv. communication module
 - 2D virtual exhibit
 - Banner management
 - Many other updates & improvements



- Summer / Autumn 2021
 - 4 HYBRID events
- Q1 2022
 - We feel some nervousness again...
 - But confident we will soon go hybrid again...
 - NX: framework for new developments

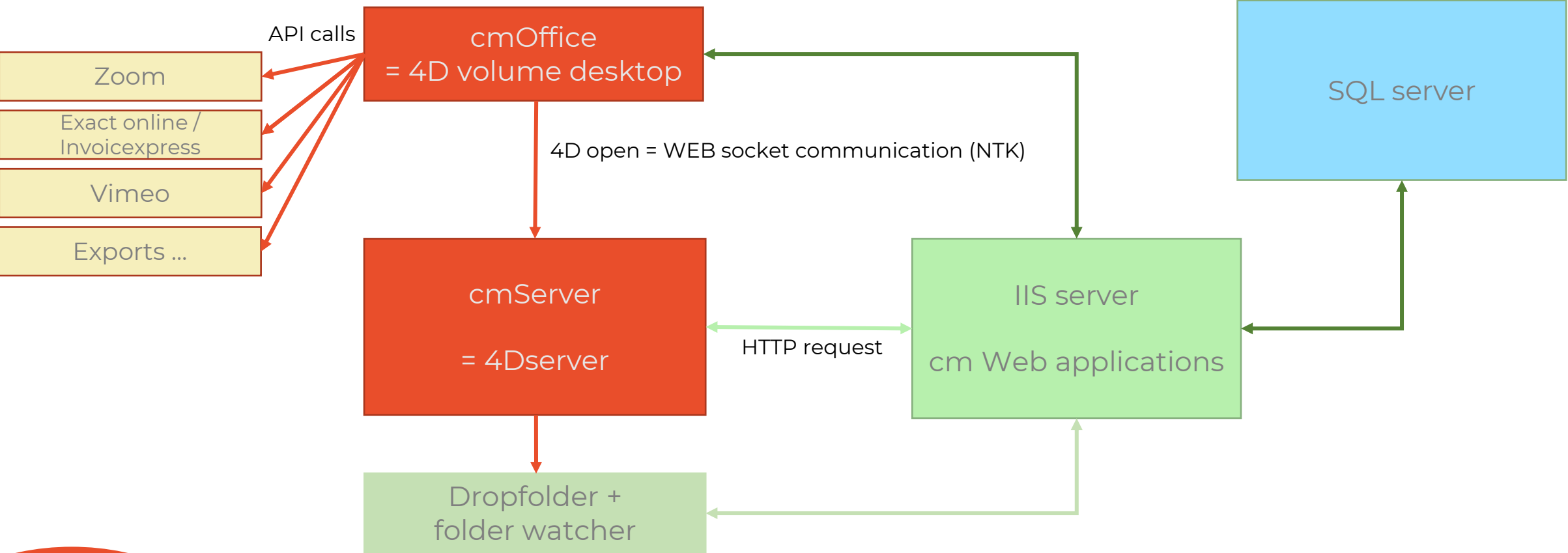




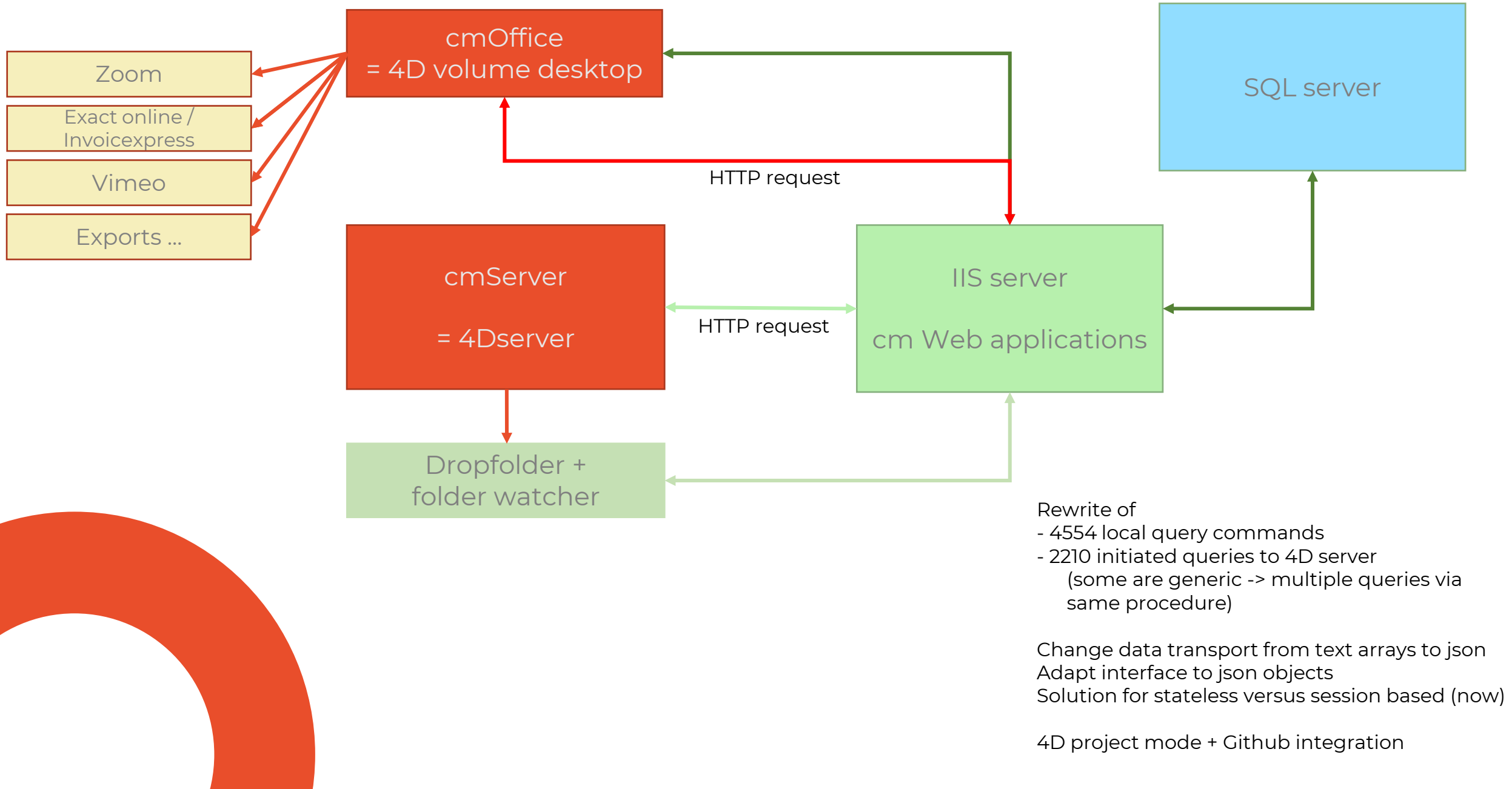
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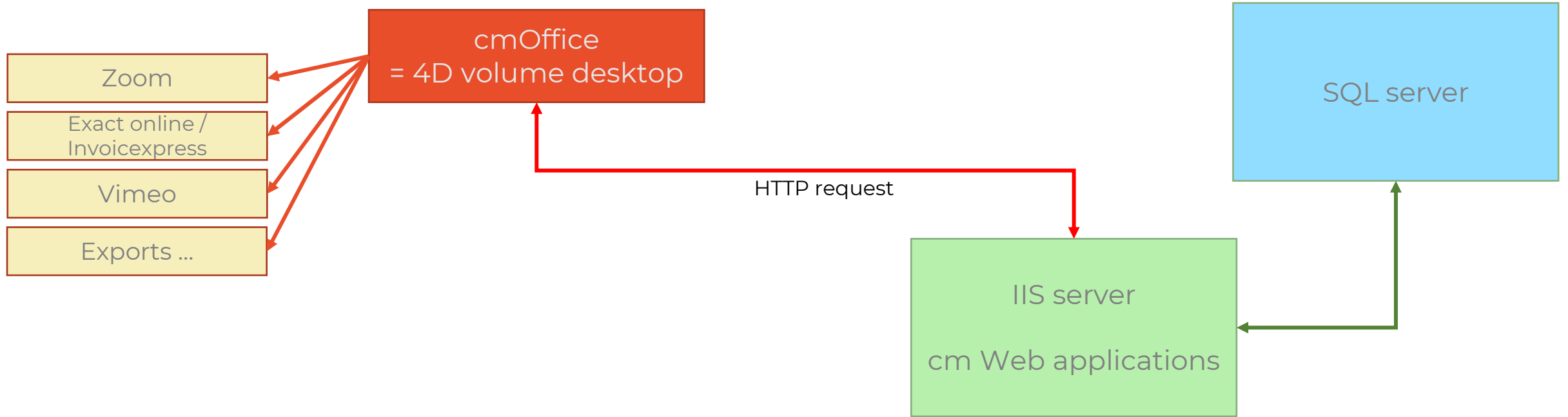
cmOffice 2.0: Actual situation



cmOffice 2.0: Phase 1



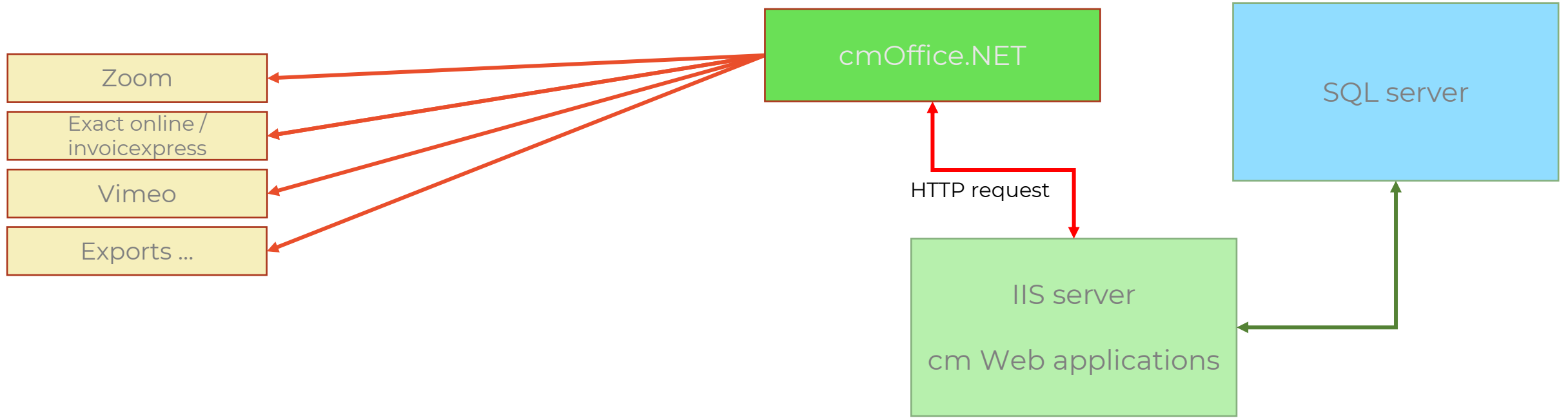
cmOffice 2.0: Phase 2



Replace 4D server by MS SQLdb
- interface for all dataservices created in step 1

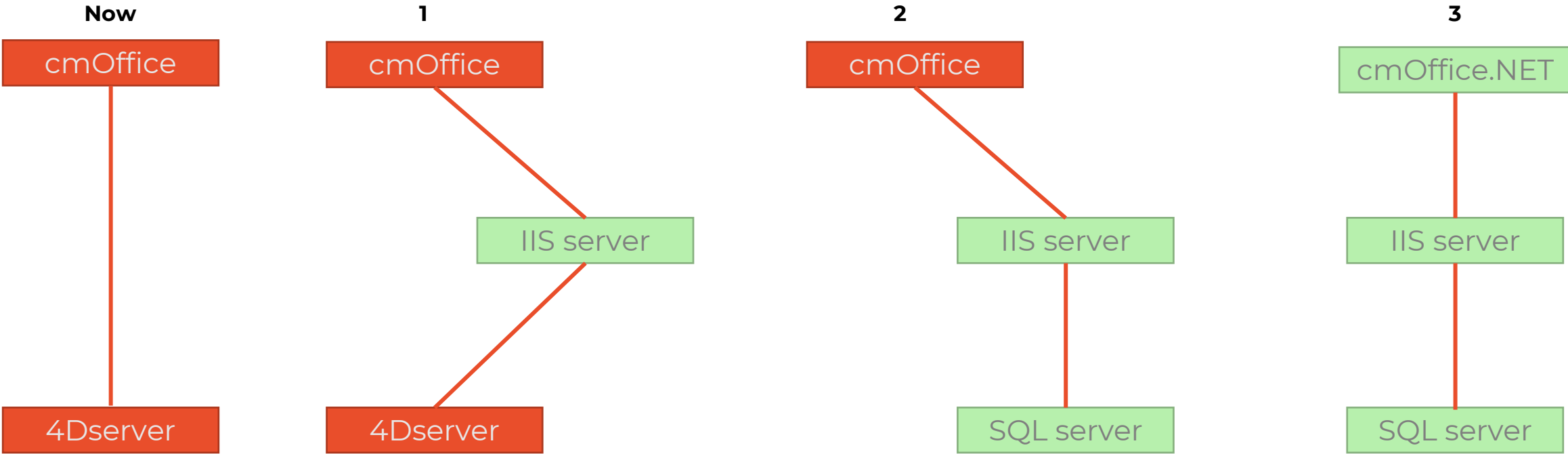
Recreate all 300+ 4D webservices (web Apps)
Recreate stored procedures and batch processes

cmOffice 2.0: Phase 3



Recreate cmOffice interface in .NET

cmOffice 2.0





Agenda

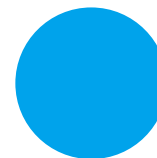
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- Hybrid event standard features
 - “everyone can be anywhere”
 - Importance of communication
 - Important to have a final session script the night before
 - Look & feel of onsite projection and livestreams can perfectly be aligned
 - Submission of questions by remote audience works well
 - ...



- Large investment in equipment and automation
 - IT vs AV
 - Perfect preparation of “sequence of actions” & presets are **crucial**
 - Video production will become part of our job
 - Currently investing in VMIX
 - (we will come back to the “production” element later)





- Which elements affect the (technical) budget most
 - Number of parallel sessions
 - cmDisplayClient operator
 - Hybrid operator
 - Virtual faculty room operator
 - Hybrid setup equipment
 - Faculty onsite or not
 - Impact on management of remote faculty
 - Impact on equipment
 - Congress duration
 - Many people involved and (professional) resources are expensive

DID YOU KNOW....

- Google like search in searchable programme pages (full index of all data)
- ePoster system with sound recording
- Speaker directory
- Simultaneous live translation via zoom -> multiple channels selectable in live view page
- Subtitle options:
 - For pre-recordings via rev.com -> burned in video for broadcast
 - Vimeo transcript after upload of the recorded broadcast
 - SRT tekst files that can be edited and reuploaded if needed
 - additional languages can be created/added via rev.com
- Broadcast messages for virtual platform
 - can be scheduled
 - Use predefined html templates



- Hybrid event setup:
 - Speakers both live and remote via zoom (or pre-recorded)
 - Participants both live and remote via virtual platform
 - Separate video mix for output to screen and live stream including:
 - Powerpoint
 - Live speaker
 - Speaker via zoom
 - Dynamic background depending on session



Open discussion: The future of congresses

Some questions:

⇒ Is hybrid there to stay ?

⇒ If so, “fully” hybrid ?

⇒ Focus on (increasing) remote attendance ?

⇒ Content production & session formats

⇒ What is the vision of the industry ?

⇒ New business plans / strategies ?



Open discussion: The future of congresses

E.g. “NETFLIX app”

- including some intelligence (e.g. “recommended for you”)
- eCommerce integration needed ?
- platform for monthly industry sessions ?
- (TV) production of content / session format
- new content needed regularly
 - only “internal” content, or “external” as well ?





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Hybrid and virtual content

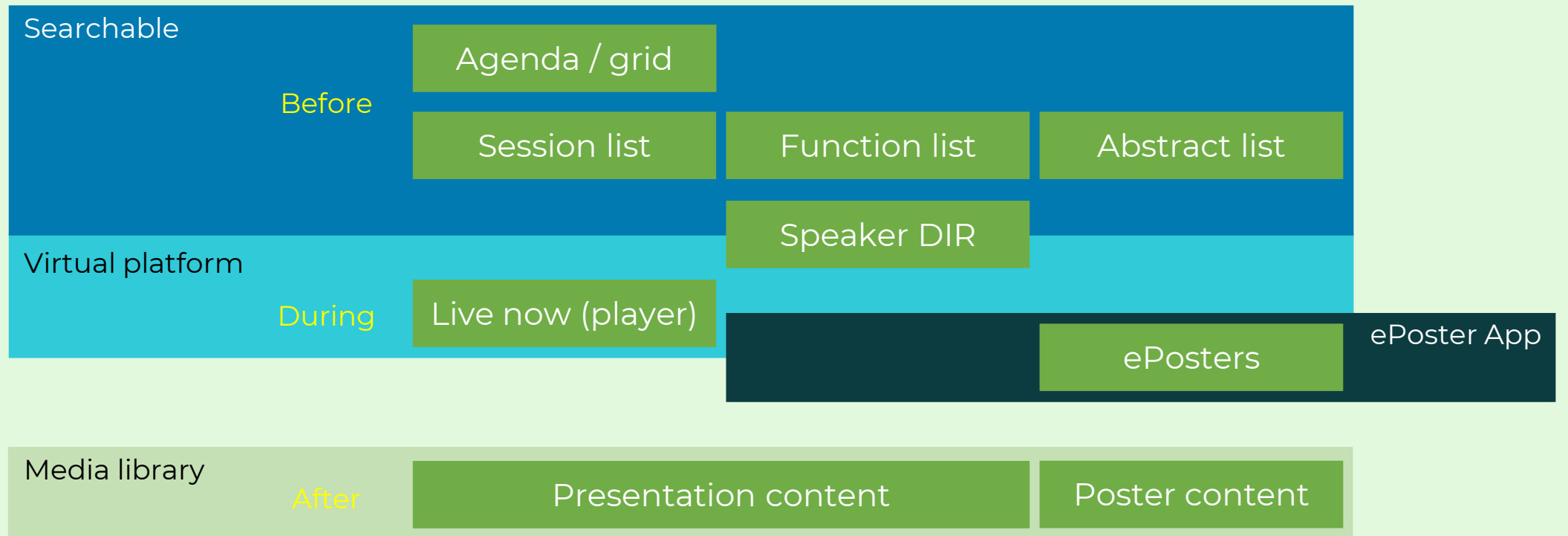


Hybrid and virtual content

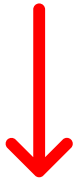
Available data items



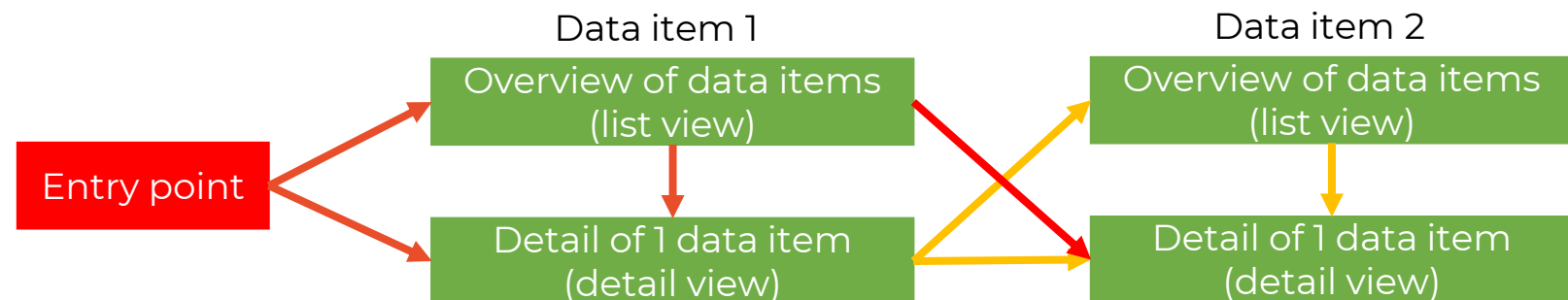
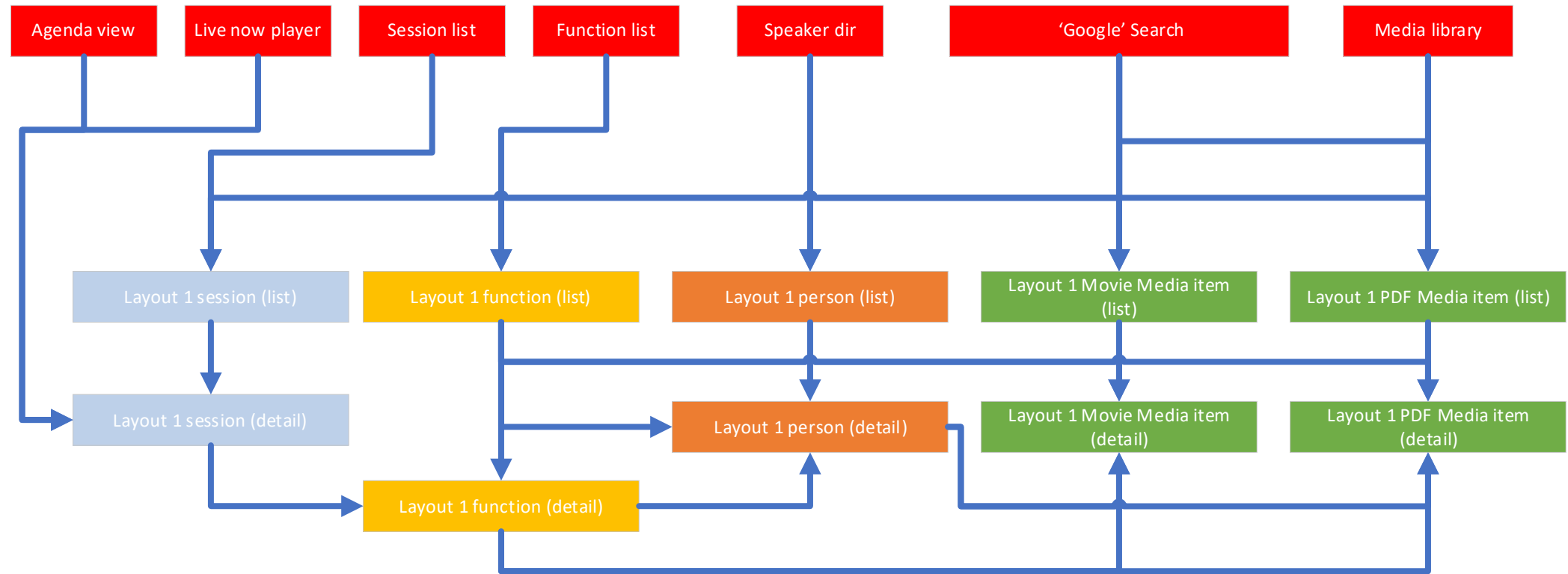
Data search (google like)



Person watching



Hybrid and virtual content



Hybrid and virtual content

Sunday, August 29th, 09:00 - 10:30, Room D - Green



Session code: 89444

Session title: EDTCO - New challenges for donation coordinators: The evaluation of donor risk - extending the donor pool

Session type: Specialty Update Symposium

For a donor coordinator it becomes more and more challenging to identify a potential organ donor. Not only the age of the donors is increasing, but also levels of comorbidity and infection. In the first part of this symposium, we will try to answer questions on how far can we extend donor pool. Is it acceptable for a recipient to accept a marginal organ?

View Session

Chair: Anne Floden, Sweden

09:00 - 09:05

★ **PPTA-028: Introduction**

Speaker: David Paredes-Zapata, Spain

09:05 - 09:20

★ **Patient perspective: Acceptance and informed consent to receive an organ from Extended Criteria Donors**

Speaker: Fiona Loud, United Kingdom

Biography...

09:20 - 09:40

★ **PPTA-029: Evaluation of risk donors: How much risk can we risk?**

Speaker: Carl-Ludwig Fischer-Fröhlich, Germany

09:40 - 09:55

★ **Discussion**

09:55 - 10:15

★ **PPTA-030: Can we still expand the organ donor pool?**

Speaker: Giuseppe Feltrin, Italy

10:15 - 10:30

★ **Discussion**

Layout 1 session (detail)

Layout 1 function (list)

SUBMISSION

The incidence of arterial hypertension in patients with type 2 diabetes in Azerbaijan

Mehriban Isgandar

biological science disciplines and 56 more

55 5

SUBMISSION

Individualized diabetes treatment aided by artificial intelligence

Ana Gabriela Gallardo-Hernandez

amides and 46 more

73 4

SUBMISSION

Bridging the Needs of Adolescent Diabetes Care during Coronavirus Disease 2019: A Nurse-Led Telehealth Initiative

Soo Ting LIM

amino acids, peptides, and proteins and 72 more

30

SUBMISSION

Effectiveness of a nurse-led community-based self-management program among adults with diabetes-family dyads in...

Dereje Diriba

behavior and 10 more

100 3

SUBMISSION

Poor Trends in glycemic, weight and blood pressure control during screening in women among small town of Pakistan

Khalida Soomro

amino acids, peptides, and proteins and 75 more

49 1

SUBMISSION

PREVALENCE OF BREAKTHROUGH COVID INFECTIONS AND ITS SEVERITY AMONG VACCINATED INDIVIDUALS

Jothydev Kesavadev

bacterial infections and mycoses and 29 more

62 5

attended at least one patient education session per year.

Control group (CG) (n=184) consisted of NAB who did not attend

Jothydev Kesavadev¹, Ravish Sathya², Aranya Shankar³, Deepika Krishnan⁴, Gireesh Sathya⁵, Reshmi Sathya⁶, Anandharaj Jothydev⁷, Dipika Reshmi Sathya⁸, Aranya Shankar⁹, Ravish Sathya¹⁰

1. Jothydev's Diabetes Research Center, Kerala, India

Figure 1: Prevalence of breakthrough COVID infections among vaccinated individuals.



Hybrid and virtual content: **the idea**

- Create a system that allows to:
 - define layout(s) - fully customizable - per data item:
 - To display the view of 1 data item in a list view
 - To display the detail of 1 data item in a detail view
 - create entry points (pages)
 - Select the layouts to be used to display the data items
 - Define the search criteria of what data out of the dataset will be shown
 - Define the items a end user can filter upon (within the returned dataset)
- Create special data views that can be used in entry points
 - Grid/agenda view
 - TV player
 - Netflix like media player
- Integrate Google like search page that displays each data item in default list view of that data item



Hybrid and virtual content: **the idea**



- Combine existing datalogging with “who is watching” data to tune the search criteria of a page
 - customized content
 - top viewed content
 - top rated content
- Take care that all code is app save
 - > create a native iOS/Android app with same look and feel



Key developments

- Video Library
- Congress App
- Searchable programme

⇒ What are “need to have`s” and “nice to have`s” ?

⇒ Let`s discuss please...





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QUESTIONS ?

