

# Domino Application Strategy

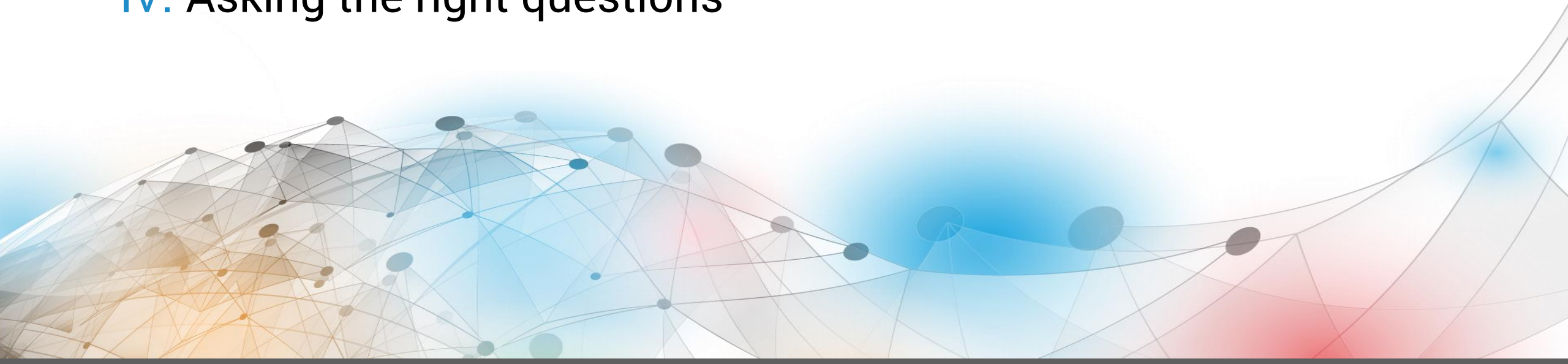
Key insights for successful  
modernization and migration projects



Franz Walder  
Product Manager



- I. Introducing panagenda
- II. Why you should care
- III. Project scope: facts or fiction?
- IV. Asking the right questions



# About panagenda

Customers in **over 70 countries**

run more than **11 million licenses**

of our solutions.



Our smart solutions introduce

- ▶ **Analytics**
- ▶ **Automation**
- ▶ **Optimization**

into your collaboration landscape!



We help our customers to ...

... **be more efficient.**

... **reduce manual effort.**

... **save cost.**

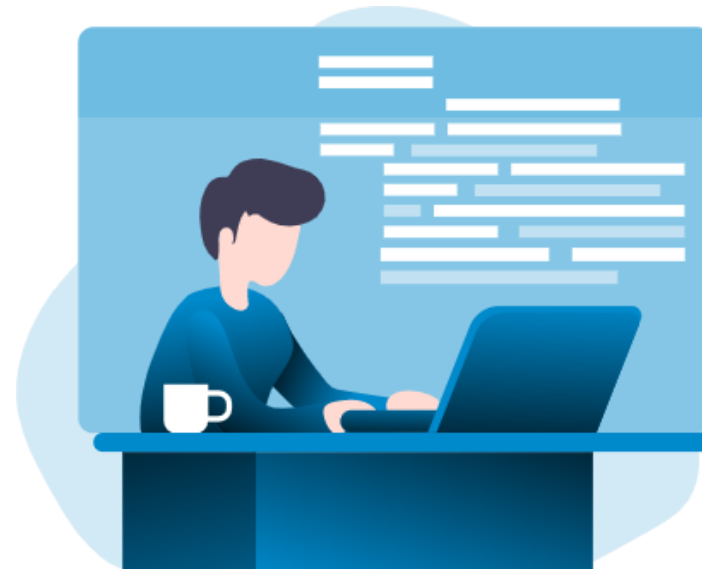


Why you should care



# Whatever challenge your are facing ...

- Consolidation
- Modernization
- Migration
  - to the Cloud
  - to a different platform



... up to a certain point, the **answers you need** remain largely the same.

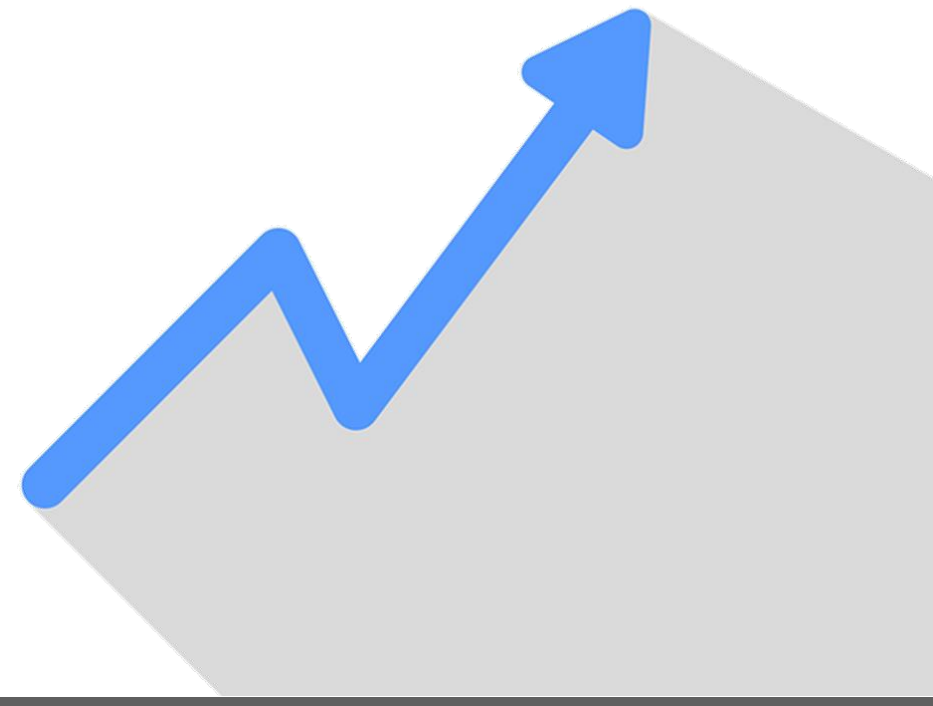
If you are anything like the majority of our customers,

your Notes/Domino environment ...

... has grown over **many years or even decades**

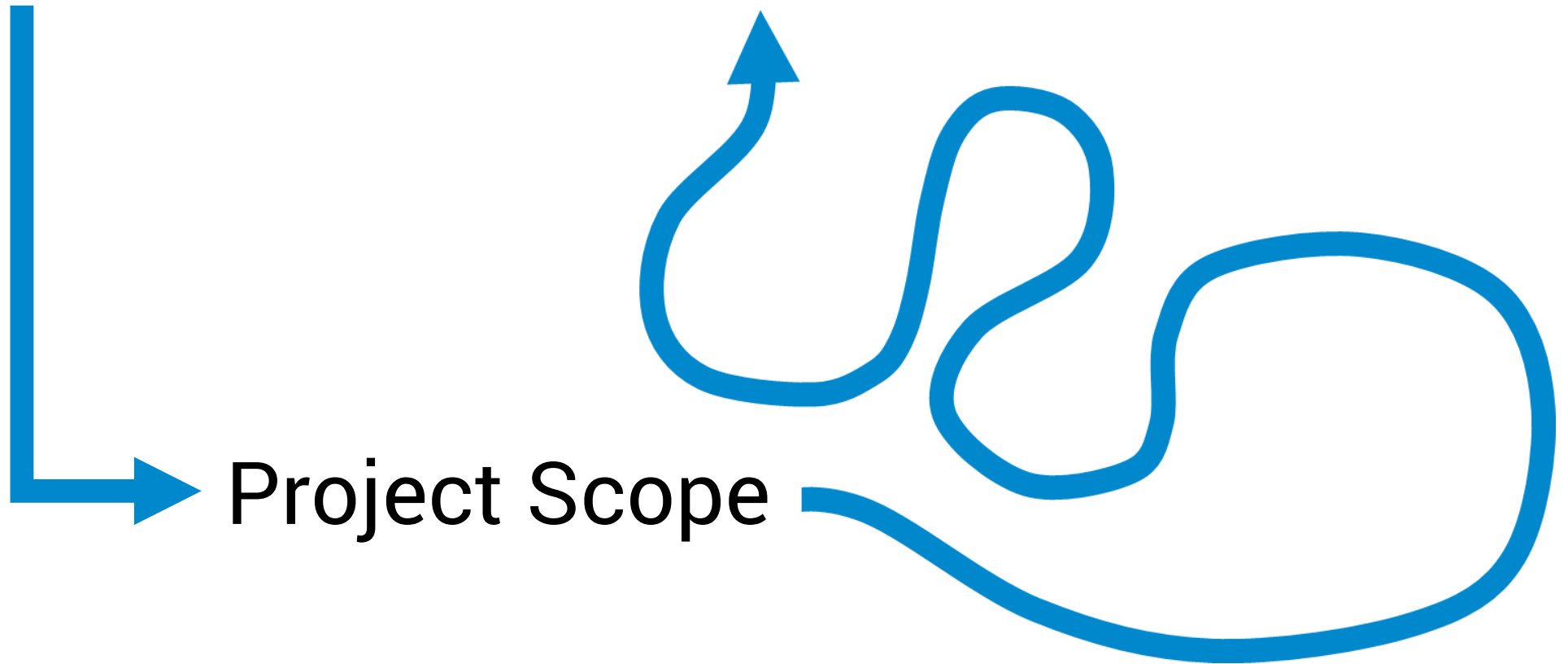
... has had many admins and developers

... has seen more re-organizations  
than most of your current staff



Project scope:  
Facts or fiction?

Project Goals ↔ Reality ?



How do **you** define the project scope,  
to **make** those strategic goals **reality**?

Do **you** have to re-define the goals  
to **deliver** a **successful** project?

# Asking the right questions

## Quick detour: we did a survey

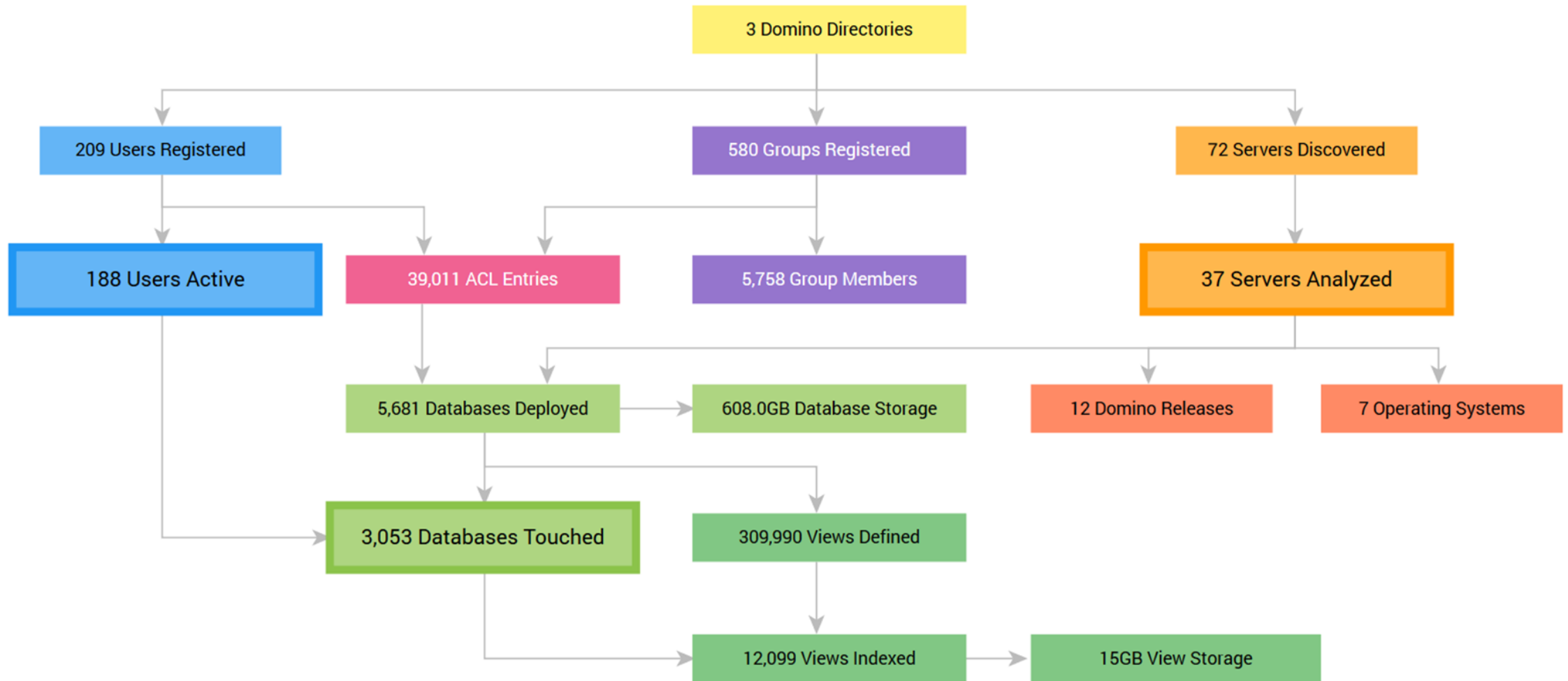
- IT pro's from all over the world
- Five questions (one open-ended)
- Three for today





What's the structure and size  
of your environment?

# What's the structure and size of your environment?



How many databases are unused?

### Survey question #1:

*Would it be useful to be able to easily identify unused applications?*

Selection options: rate 1 to 10

Would it be useful to be able to  
easily identify unused applications?

9.1  
average score

Would it be useful to be able to  
easily identify unused applications?

**>60%**  
rated this with 10

Would it be useful to be able to  
easily identify unused applications?

**<10%**  
**rated this 5 or lower**

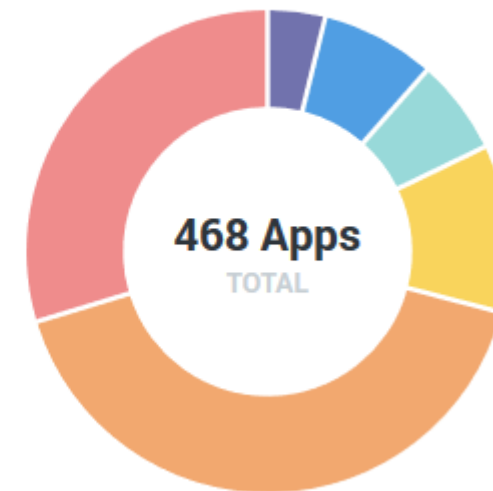
# How many databases are unused?

## Consolidation: 335 Apps

Replica sets with low or no usage

### What is the usage of my applications?

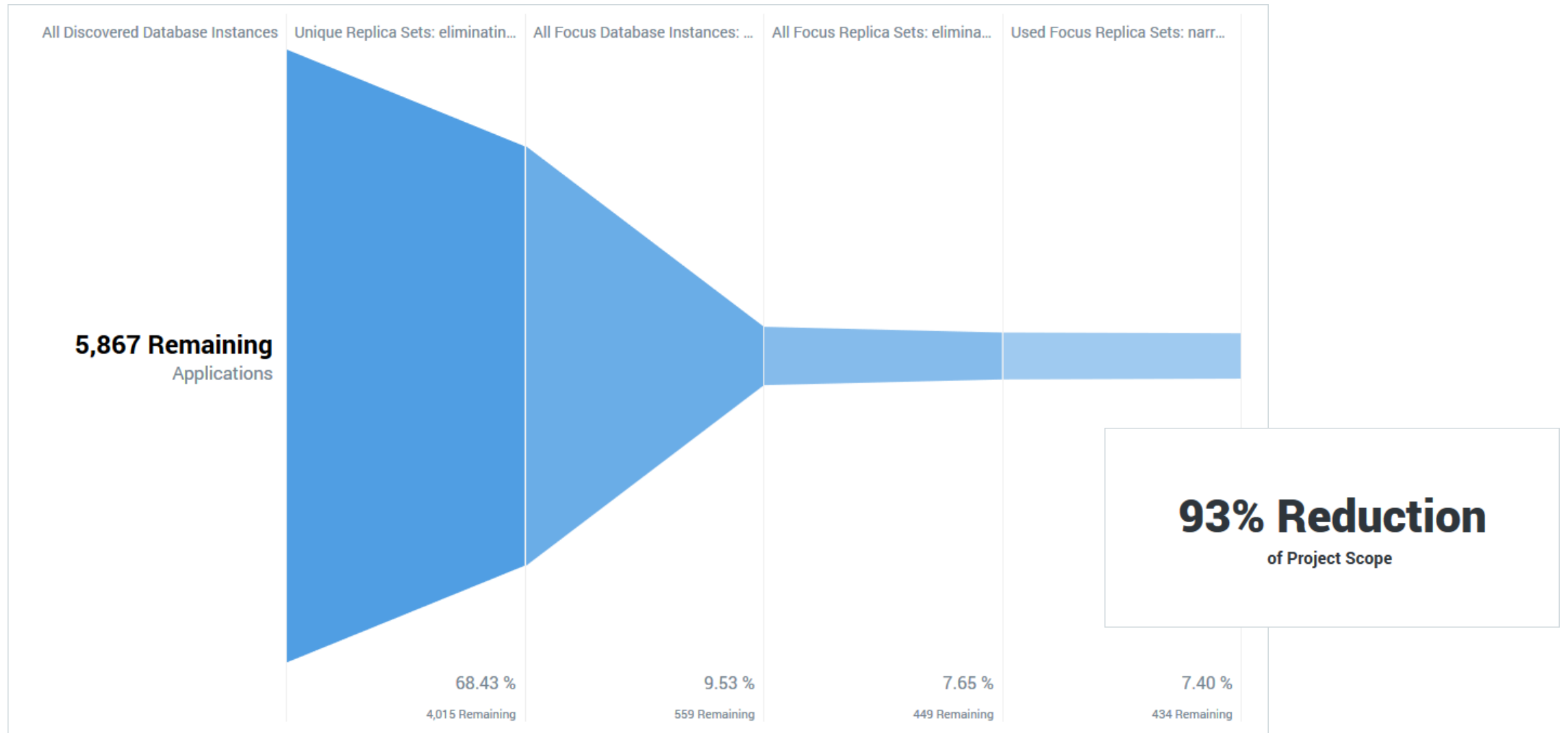
- Very High
- High
- Medium
- Low
- Very Low
- No Usage





How many databases  
can be excluded from the project?

# How many databases can be excluded from the project?

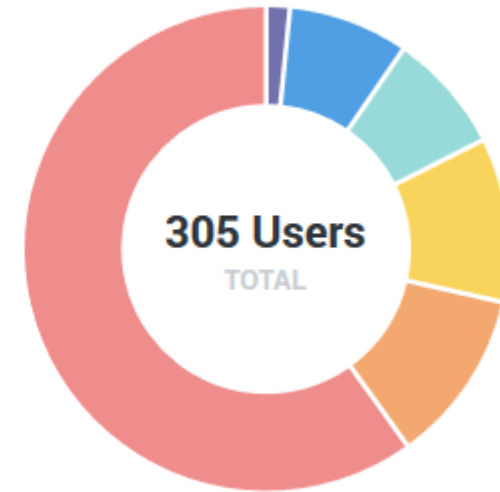


How many users  
are actively using Notes?

# How many users are actively using Notes?

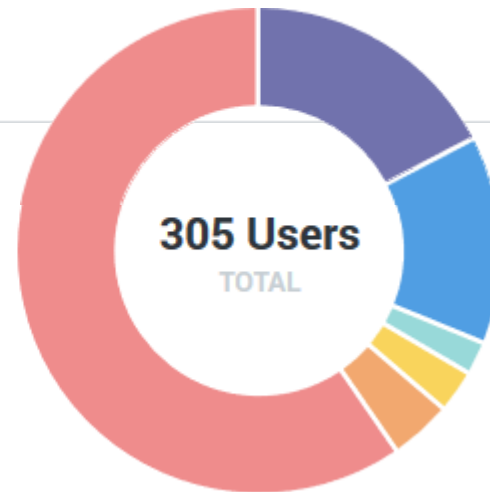
## How many Focus Replica Sets do my users use?

● 100 or more DBs	1.31% Users
● 25 to 99 DBs	7.87% Users
● 10 to 24 DBs	7.87% Users
● 4 to 9 DBs	10.8% Users
● 3 or less DBs	11.5% Users
● No usage	60.7% Users



## When were my users last active?

- Less than a month ago
- 1 to 3 months ago
- 3 to 6 months ago
- 6 to 12 months ago
- 1 year ago or before
- No activity



How does DB design complexity  
impact re-development costs?

## Survey question #4:

*Where do you think application source code analysis can help with your projects?*

Selection options (multiple choice):

Platform dependencies, Migration roadblocks,

Calculating project effort, Not urgent

Where do you think application source code analysis can help with your projects?

**>45%** said

**Platform dependencies**

Where do you think application source code analysis can help with your projects?

**>60%** said

**Migration roadblocks**



Where do you think application source code analysis can help with your projects?

**85%** said

**Calculating project effort**

Where do you think application source code analysis can help with your projects?

< 8% said

Not urgent

Where do you think application source code analysis can help with your projects?

**>60%** picked

**Two or more answers**

## Survey question #5:

*What is your greatest obstacle to your migration or modernization project?*

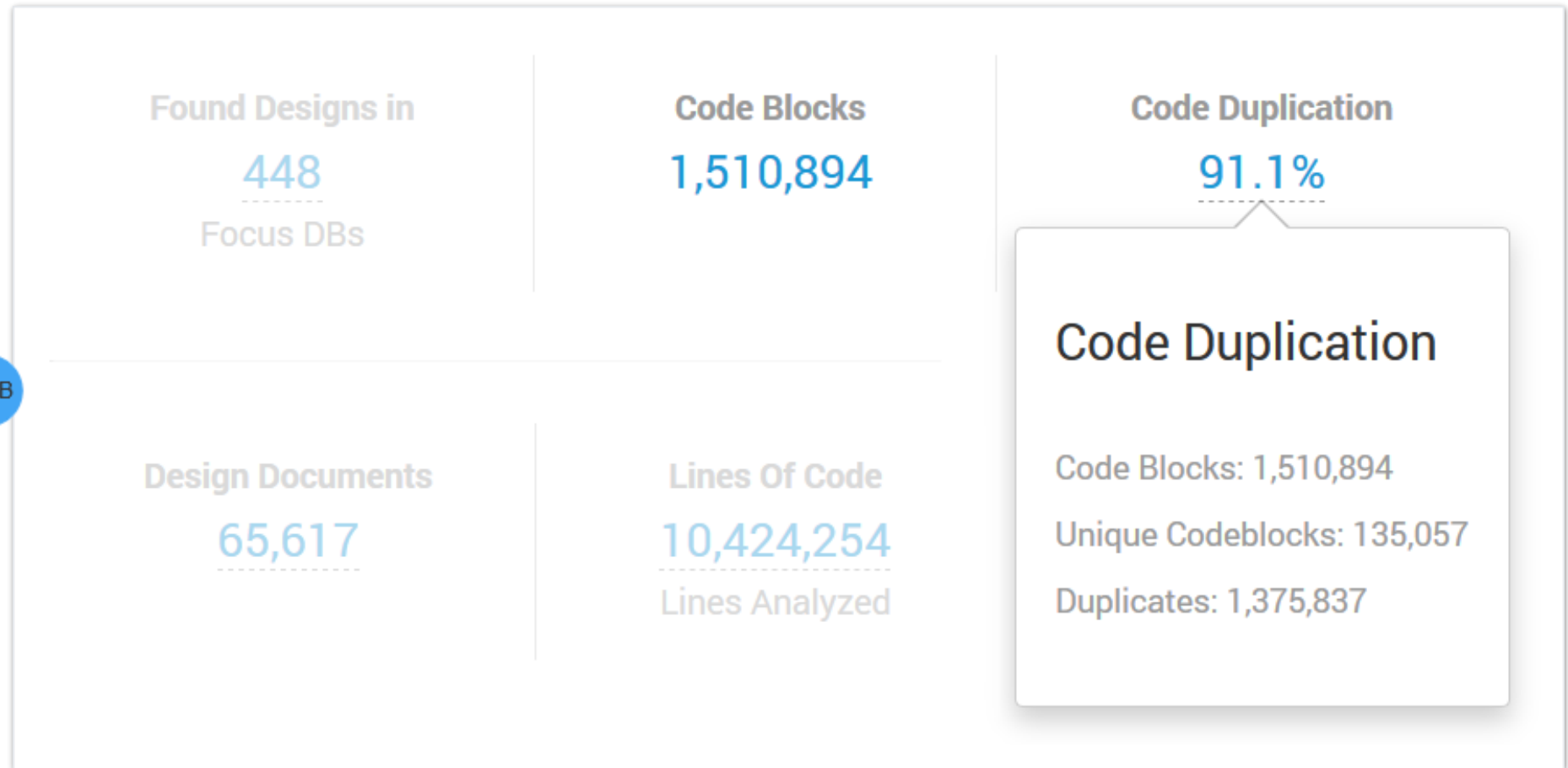
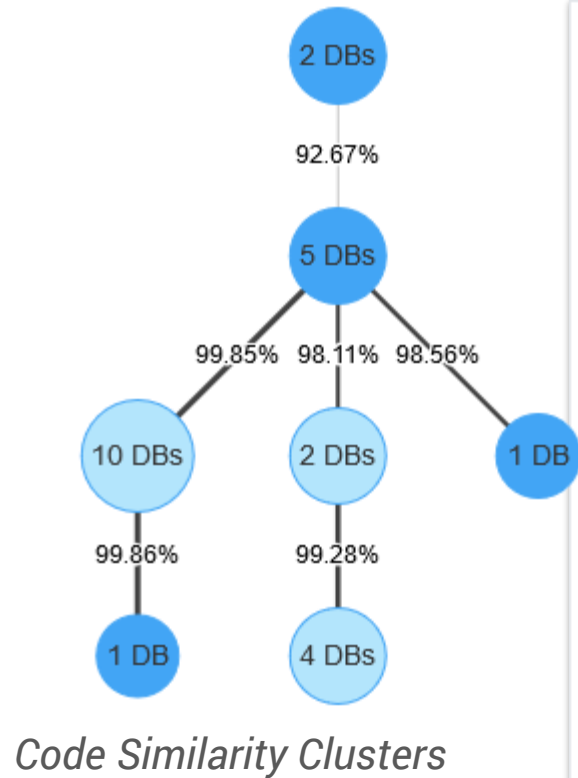
Selection options: open-ended

What is your greatest obstacle  
to your migration or modernization project?

**>50%**

**mentioned lack of  
development resources or skill**

# Reduce Re-development Cost



# Discover Roadblocks in Source Code

- Cloud Readiness
- Dependencies on other Databases
- Mail Dependencies
- Operating System Dependencies
  - External C Calls
  - Working with directories
  - Working with files
  - Working with OLE
  - Working with other programs
  - Working with system date/time (or old code)
- Special Interfaces
- Specific Code Findings
- Web Design

## Code Full-Text Search

### Source Code Full-Text Search

Text Search
  Whole word only
  Regular Expression

```

28Private Function HasUI As Boolean
22)catch(e){cons ole .log(e);}
22LookupField:="Role ";
22Role
17_canConfigure:=_enoughAccess&
_hasRole;
_hasRole:=@IsMember(@LowerCase(_r
@LowerCase(@UserRoles));
_role:="[Configuration]";
17Role:=@DbLookup("": "NoCache"; "";
View;SubteamList;"Position");
SubteamList=""|@IsError(Role); "";
Role)
17compositeData.role=cols[COLUMN_RO
var COLUMN_ROLE=4;
17!@Contains(@UserRoles;"
[TeamFacilitator]")
17Private Function
[TeamFacilitator]")
17Private Function
                
```

<< Previous Next >>

```

1 REM {Only show this outline entry if};
2 REM {- The user has a minimum ACL access of 'au
3 REM {- The user possesses the [Configuration] r
4
5 _author_level := 3;
6 _role := "[Configuration]";
7 _acl := @TextToNumber(@UserAccess(@DbName; [Ac
8 _hasRole := @IsMember(@LowerCase(_role); @Lower
9
10 _enoughAccess := ( _acl >= _author_level);
11 _canConfigure := _enoughAccess & _hasRole;
12
13 !_canConfigure
                
```

Showing top 25 databases by number of matches

Export all databases as [Excel](#) or [CSV](#) file.

**Buzzword compliant**

f895250b8dd2343622.nsf on appmail01/acme

Outline : [DiscOutline](#)  
outlineentry[9]

**CloudOps**

ce1c26b6cbe050d52d.nsf on appmail01/acme

Outline : [DiscOutline](#)  
outlineentry[9]

**Discussion85**

4b90c8d13a9a916a5e.nsf on dev01/acme

Outline : [DiscOutline](#)  
outlineentry[9]

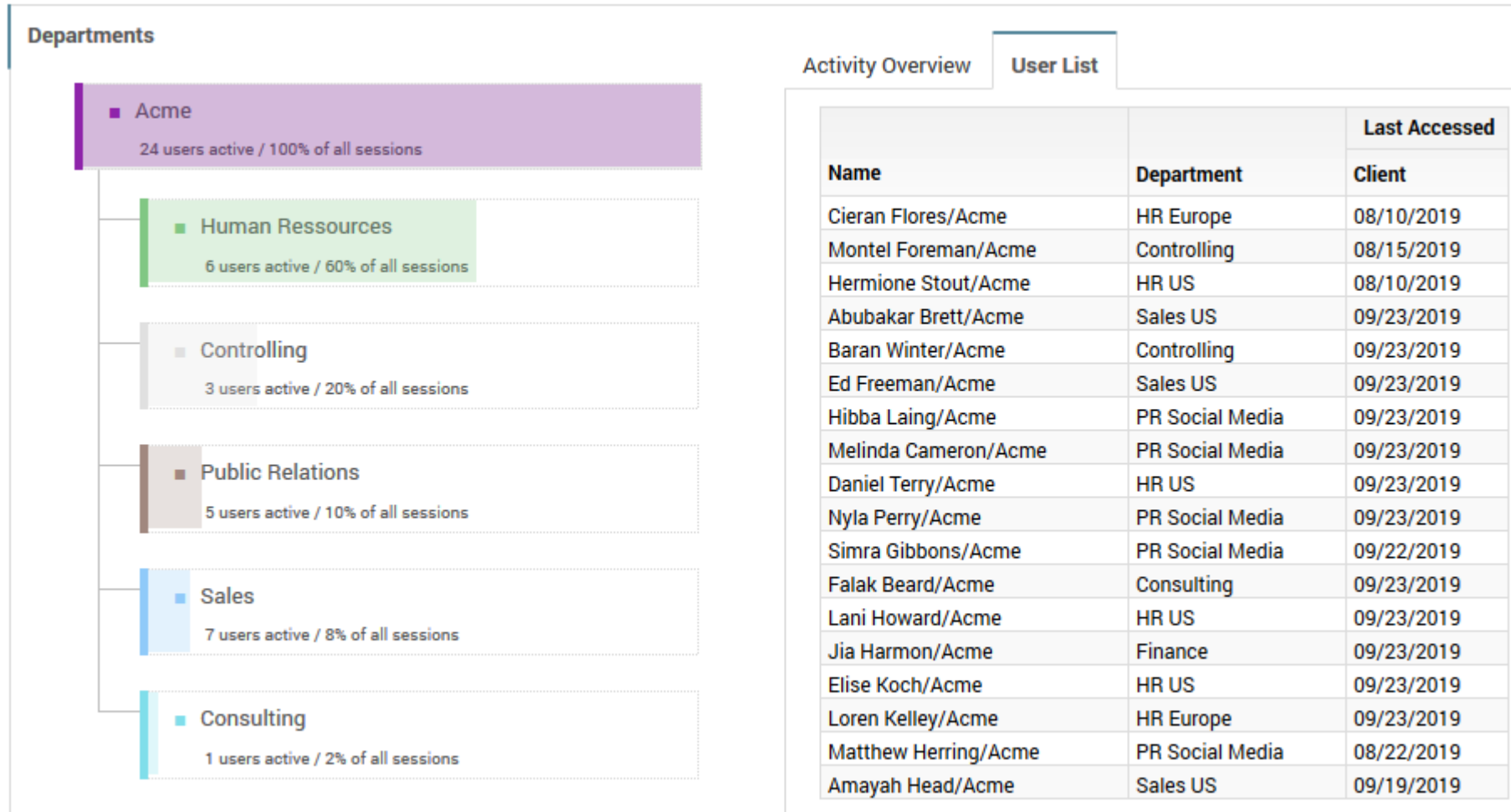
Outline : [DiscOutline](#)  
outlineentry[9]

## Pre-defined Search Patterns

Who are the application owners  
who are stakeholders in the project?



# Who are the application owners who are stakeholders in the project?




# Activity Audit by Application, User, Department or Location









Department/Location Activity by Replica Set Explore

Title or Replica ID  
 Demo ABC Process Management (C12581DF0075AF71) ×

List of replica sets matching the filter expression.









Database Title	User Access Days	Last Access	Last Write Access	Users Active	Departments Active	Locations Active	Sessions Notes Client	Sessions Web Browser
Demo ABC Process Management (C12581DF0075AF71)	1,078 	Less than a month ago	Less than a month ago	31	9	9	72,936	0

Replica set usage by department based on cube data (Filtered)

Department Name	Database Title	User Access Days	Users Active	Last Access
Controlling [ID: 4]	Demo ABC Process Management (C12581DF0075AF71)	543 	3	Less than a month
HR US [ID: 10]	Demo ABC Process Management (C12581DF0075AF71)	246 	7	Less than a month
PR Social Media [ID: 13]	Demo ABC Process Management (C12581DF0075AF71)	91 	7	Less than a month
HR Europe [ID: 9]	Demo ABC Process Management (C12581DF0075AF71)	65 	4	Less than a month
Sales US [ID: 12]	Demo ABC Process Management (C12581DF0075AF71)	61 	4	Less than a month
Finance [ID: 15]	Demo ABC Process Management (C12581DF0075AF71)	34 	1	Less than a month
Consulting [ID: 8]	Demo ABC Process Management (C12581DF0075AF71)	20 	1	Less than a month
Sales Europe [ID: 11]	Demo ABC Process Management (C12581DF0075AF71)	15 	3	Less than a month

Rows 1-8 of 9

List of locations with activity on the selected replica sets. | Hint: Export contains additional information.

Location Name	Database Title	User Access Days	Users Active	Last Access
Boston [ID: 25]	Demo ABC Process Management (C12581DF0075AF71)	566 	4	Less than a month ago
The Hague [ID: 10]	Demo ABC Process Management (C12581DF0075AF71)	186 	3	Less than a month ago
Amsterdam [ID: 24]	Demo ABC Process Management (C12581DF0075AF71)	124 	5	Less than a month ago
Vienna [ID: 3]	Demo ABC Process Management (C12581DF0075AF71)	74 	3	Less than a month ago
London [ID: 12]	Demo ABC Process Management (C12581DF0075AF71)	71 	6	Less than a month ago
Berlin [ID: 7]	Demo ABC Process Management (C12581DF0075AF71)	18 	3	Less than a month ago
Graz [ID: 4]	Demo ABC Process Management (C12581DF0075AF71)	17 	3	Less than a month ago
Salzburg [ID: 5]	Demo ABC Process Management (C12581DF0075AF71)	17 	2	Less than a month ago

Rows 1-8 of 9

Activity Lookup by Application: Most Active Departments & Locations

What are the most efficient  
paths forward for your applications?

# What are the most efficient paths forward for your applications?



What are the most efficient paths forward for your applications?

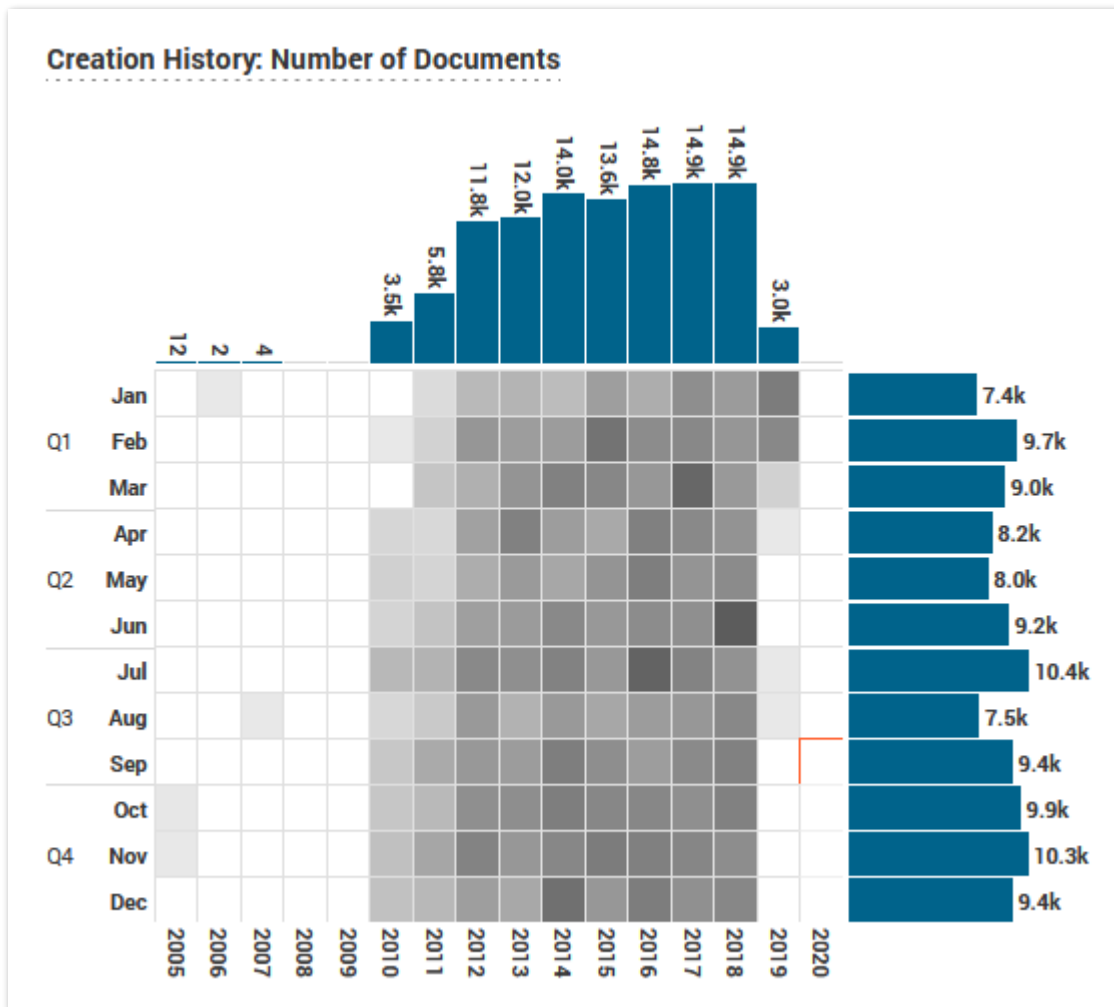
- No single solution fits every application
- Much might be dictated by your project goals
- Analytics **must not** have an agenda  
beyond presenting facts

What are the most efficient paths forward for your applications?

- **teamWorkr** presents an exciting new approach
  - Beautiful apps on mobile and web in minutes
  - Is a great solution for migration and modernization scenarios
- **ThreeThirds** are an amazing HCL solutions hosting partner
  - Keep your investment, but cut down on operating cost

How does application content  
influence my app transformation choices?

# How old is the content of my DBs and who created it?



Content Age: Document Creation History

**List of Editors (Creations & Modifications)**

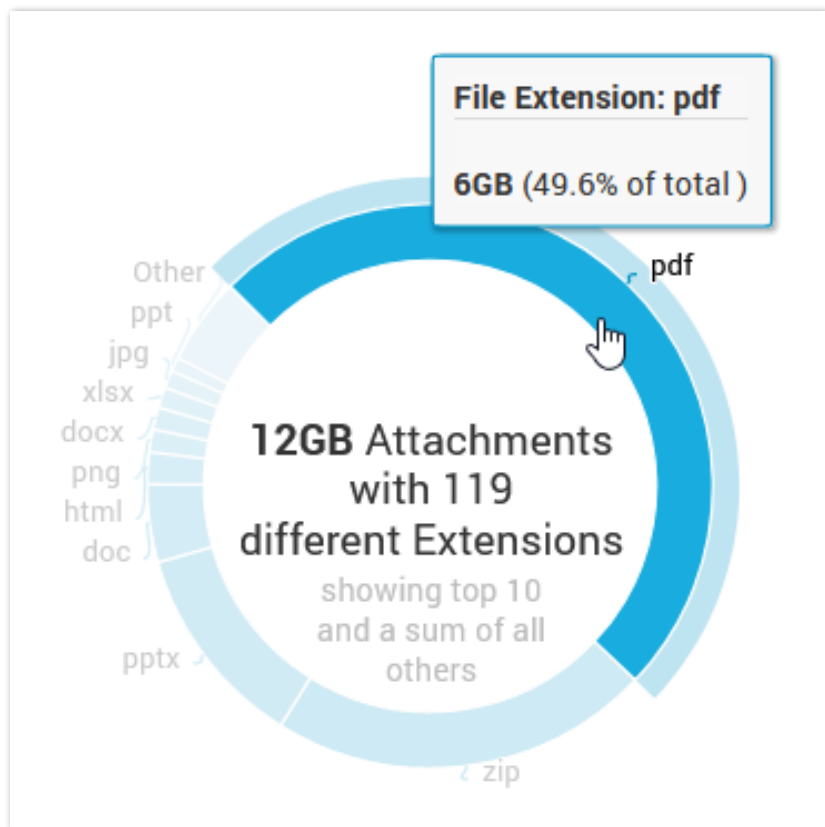
Search  CSV EXCEL

Username	Type	Number of edited documents	
		Total ↓	As last modifier
d8586503aeefda0cc153b073/acme	User	103k	103k
5d50f00a4f106c2ecfa14bc2/acme	User	45k	1k
fbf2a1866d8cefcbc62ef091/acme	Server	40k	291
ad61e3b27b0143145518202c/acme	User	32k	850
835b90e82fa757466c04a67a/acme	User	26k	894

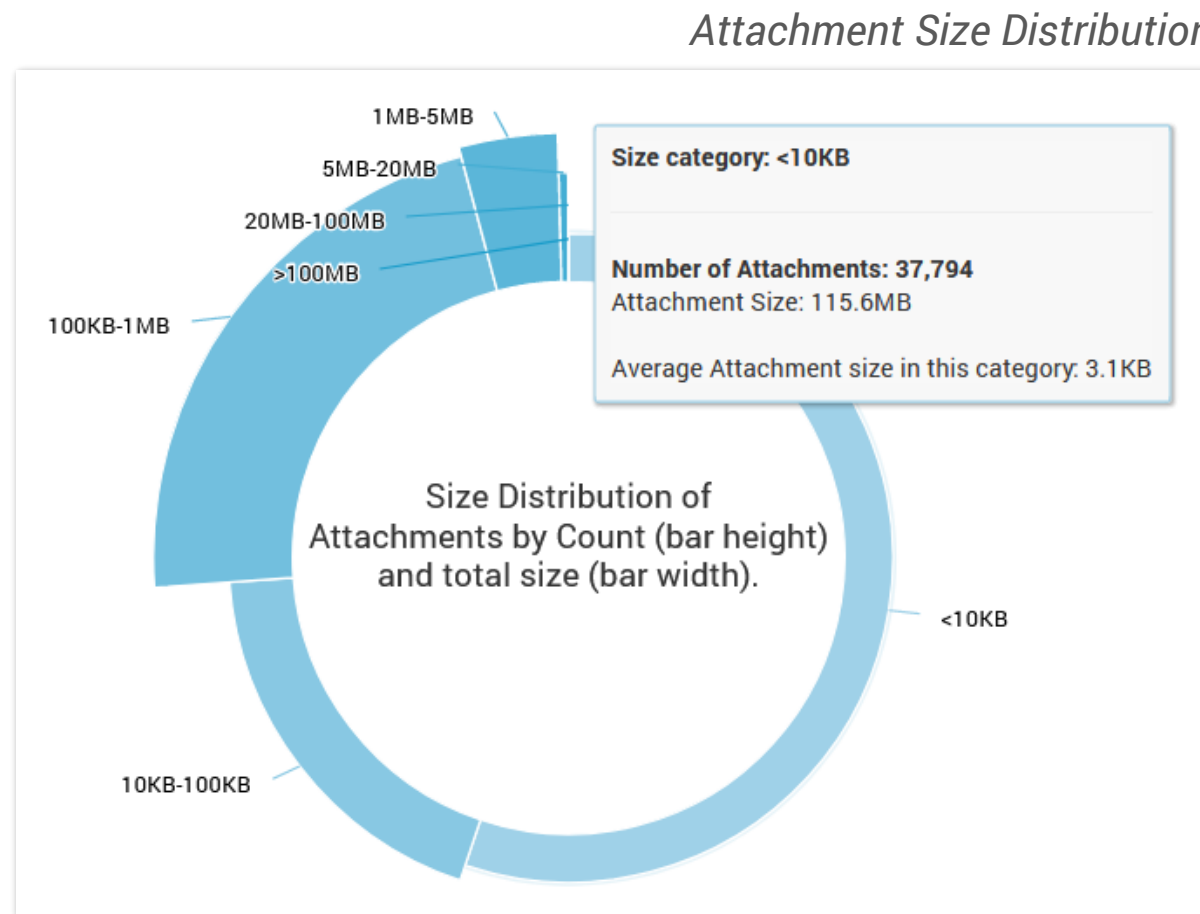
Content Editors: List of Most Active Users



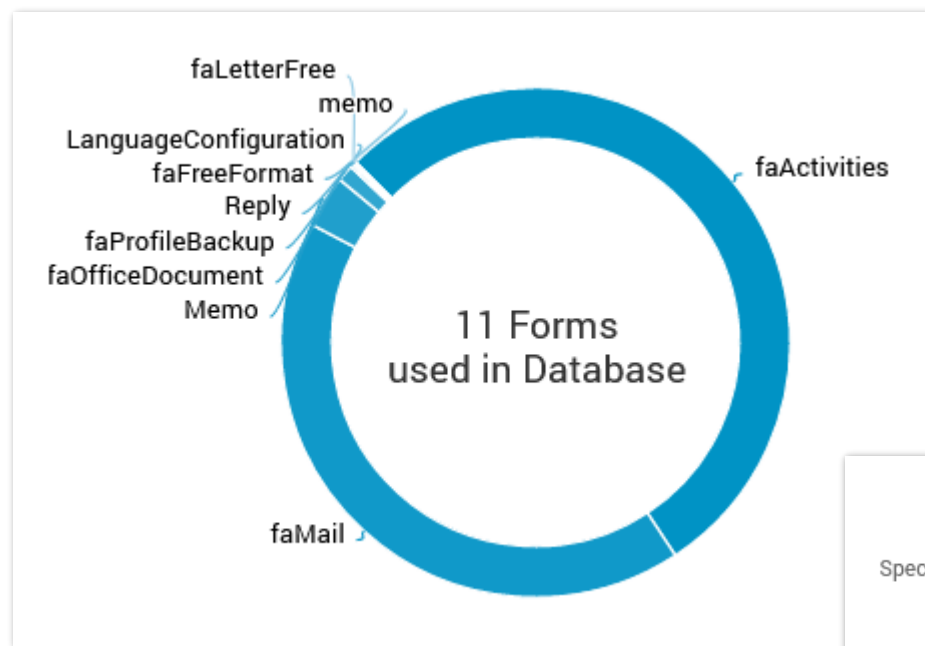
# What types of attachments are there and how large are they?



Attachments by Type

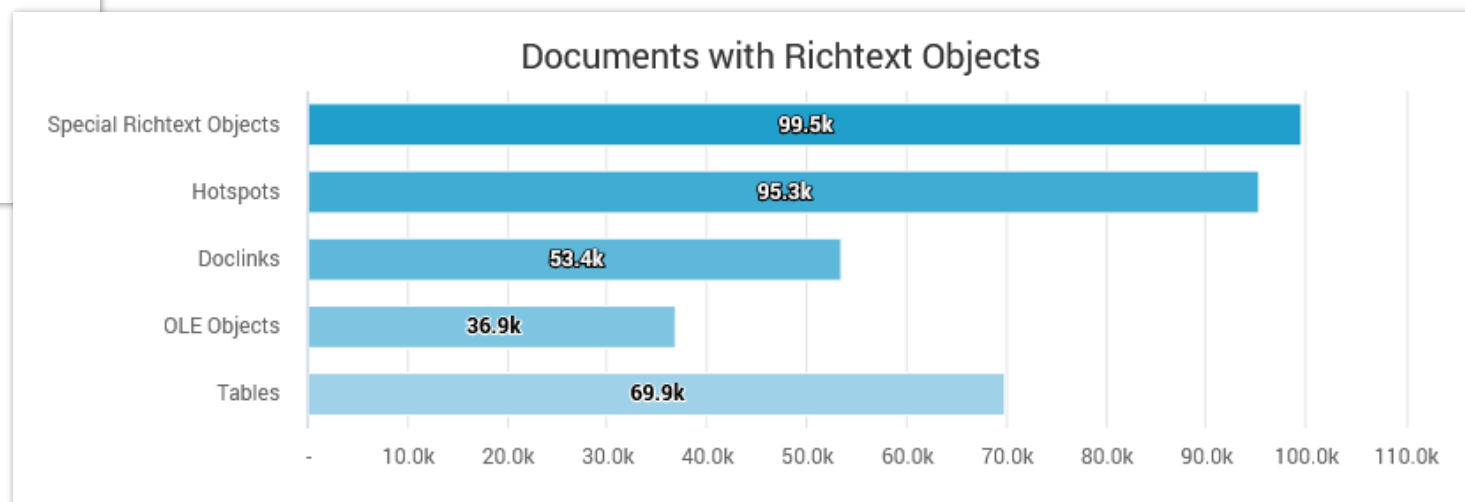


# What in my design is important and what is dangerous?



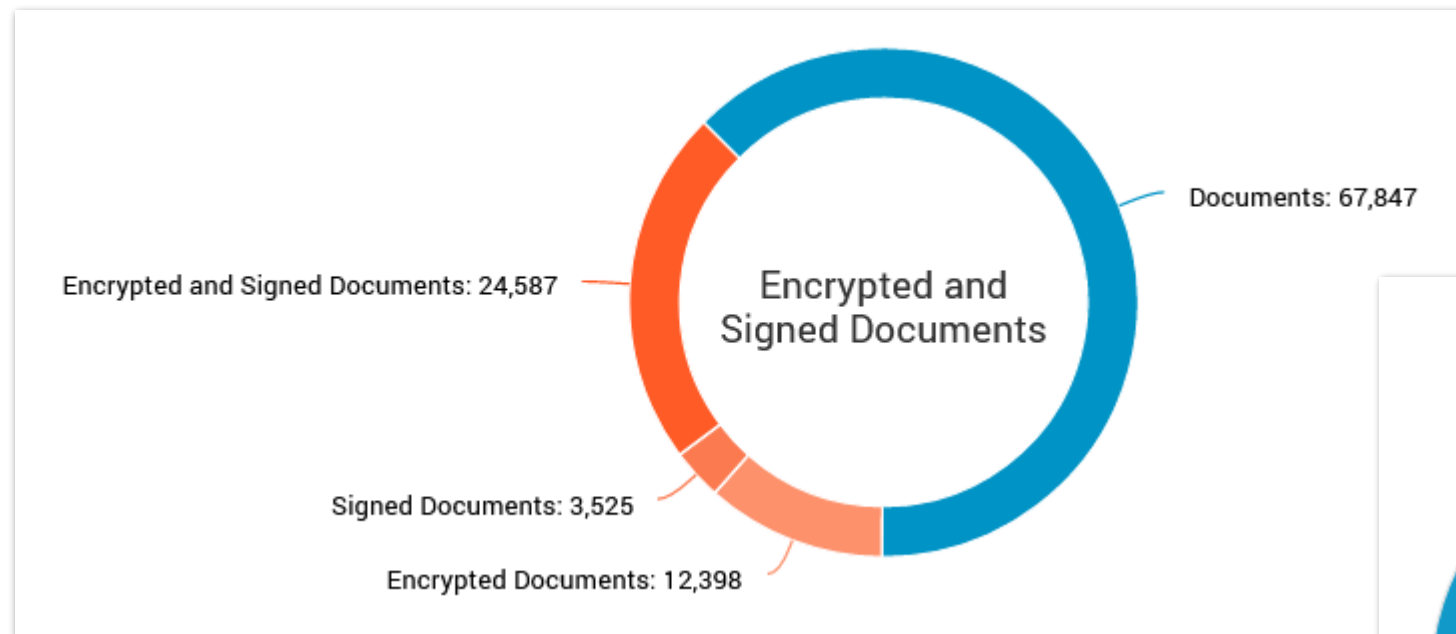
*Design Usage: Active Forms*

## *Special Objects in Rich-Text Fields*

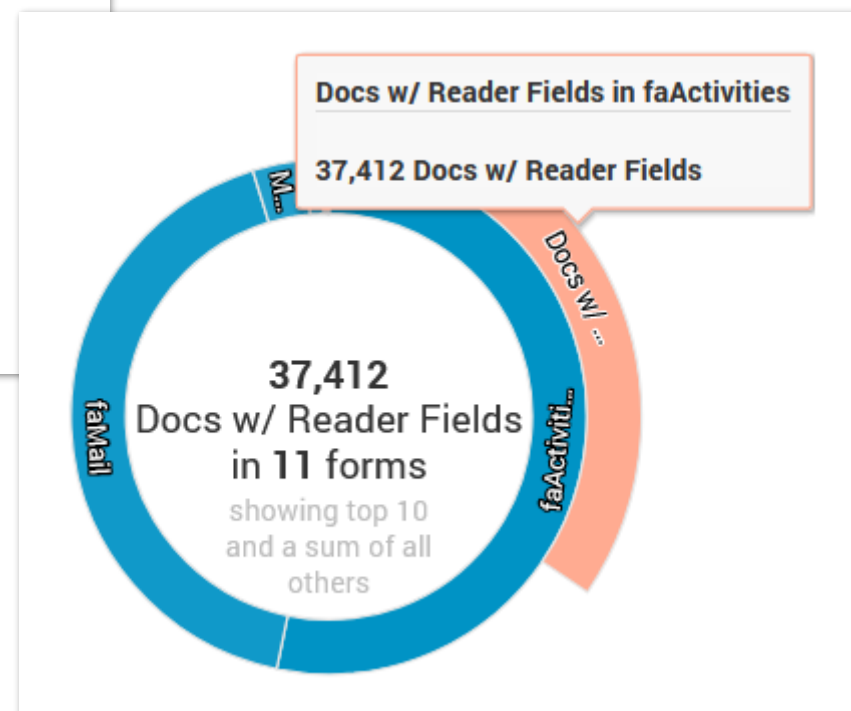


# Do document encryption and reader fields play a role?

## Encryption & Signature in Documents



## Reader & Author Fields



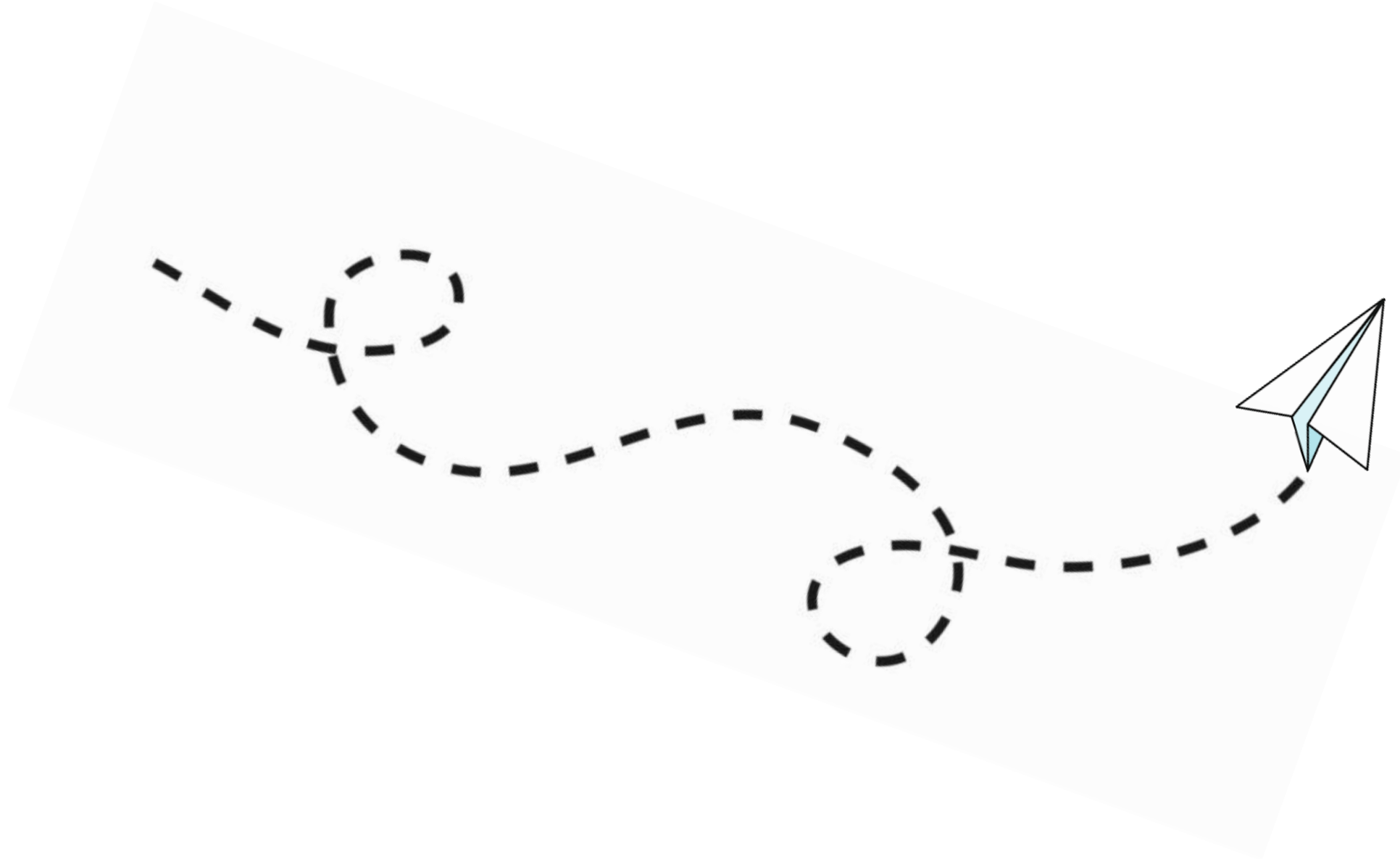
# Wrapping it up

# Which questions to ask?

- Usage
- Design / Code
- Content



# A straight-forward project



**Thank You!**  
**Questions?**

