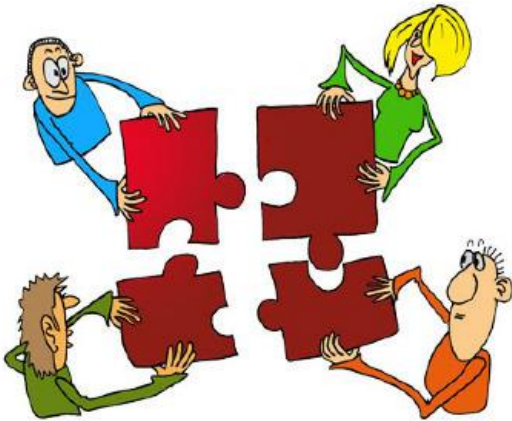


Considerations and Recommendations for a

standardized, collaborative Approach

for Statistical Programming Project Information



PhUSE Single Day Event
15MAY2018
Frankfurt (Germany)



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Agenda

- Background & Rationale - **The Problem**
- Key **Business Drivers**
- The **Concept** & Key **Considerations**
- The **Tools** & **Recommendations**
- **Summary** - Q&A



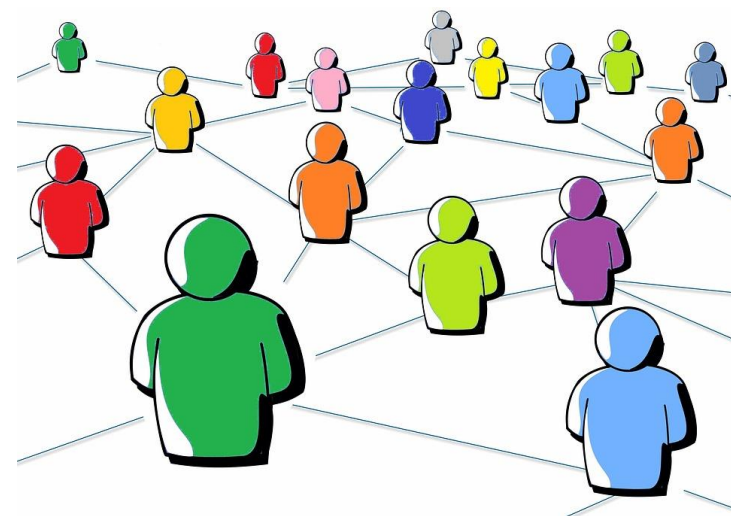
Background & Rationale - The Problem

- Roles & Responsibilities evolved
 - Of Programmers **and** Stakeholders, Molecule Information
 - Faster Filing, Agility and Efficiency, Combination Studies
- Information Landscape fragmented
 - Multiple (Software) Platforms and Systems
 - Information Overflow, searching & finding Information
 - Location, Style and Structure different
- Complexity increased
 - Data Types, Advanced Analytics, Visualization, Interactive Data Displays
 - Globalization, Programming Languages, early → late Phase
- Department Thinking still predominant
 - Silo Thinking, Mindset Problems
 - “Shared Sense of Purpose”



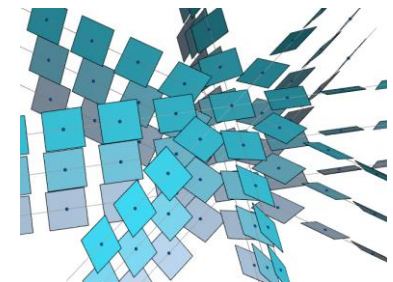
Background & Rationale - The Problem

- Handovers difficult
 - Inherited Tools and (legacy) Information
 - Onboarding & Transition
 - Studies last for a long Time, Resourcing
- Data F.A.I.R.ness needed
 - Data Curation
 - Data Integration
 - Data Sharing
- Collaboration needed
 - This is not only for Statistical Programmers!
 - End-to-End processing of Data
 - Data Architect Idea



Key Business Drivers

- Central Platform (Landing Page)
 - For **ALL** Project/Study- related Information
 - Containing Links to **ALL** relevant Information Sources
 - Covering **ALL** Aspects of a Project / Study
- Pre-defined Structure
 - Standardized “One-Stop-Shop”
 - Support Transparency and Knowledge- Sharing
 - The Place to go first
- Building and growing a Project/Study Knowledge-Base
 - Central Maintenance of Information → no individual Information!
 - Creation of the “Big Picture”



Key Business Drivers

- Efficiency
 - No Time- Wastage in finding Information and Knowledge
 - “Shared Sense of Purpose”
- Onboarding / Transition
 - Happens constantly
 - Often difficult to handle
- Availability
 - Open to everyone (incl. Stakeholders)
 - Access, manage and find



The Concept and Key Considerations

- Accessibility

- For internal and external Groups
- Easy Maintenance
- Think globally

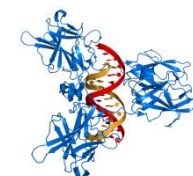


- Functionality

- Build/utilize Macros for effective content Display
- Import and Export of Information
- Possibilities (e.g. Calendar/ Search Engine/ automated Emails/ Commenting)
- Integration of Information (Documents) from other Sources

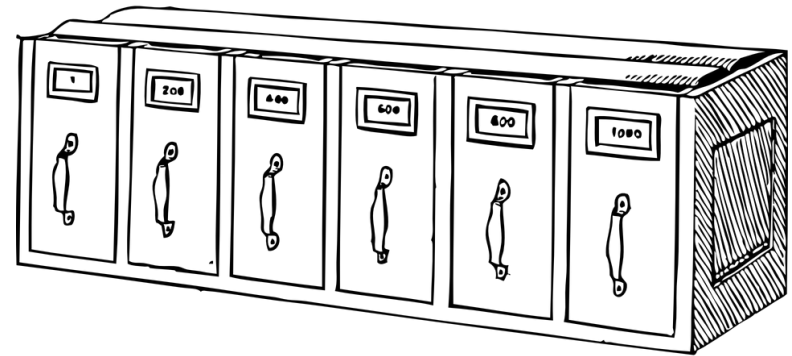
- Auditable

- History and Versions
- Recovery

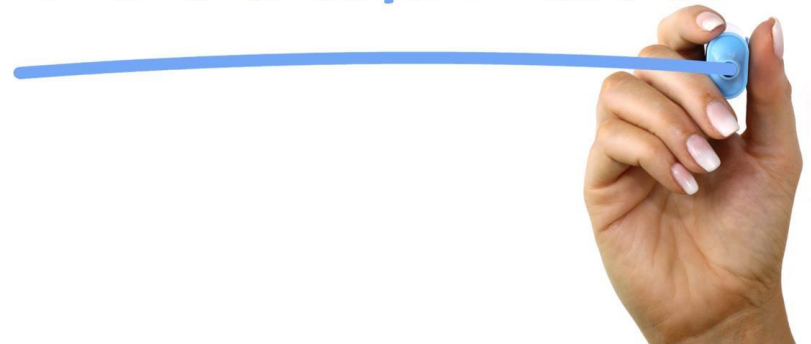


The Concept and Key Considerations

- Familiarity
 - Project Teams need to feel “comfortable”
 - Standardized Structure
 - Intuitive
- Document Storage
 - Not recommended
 - Link Collection Platform only
- Project Management
 - Needs to be supported
 - Key in Projects
 - Watching Pages



PROJECT
MANAGEMENT



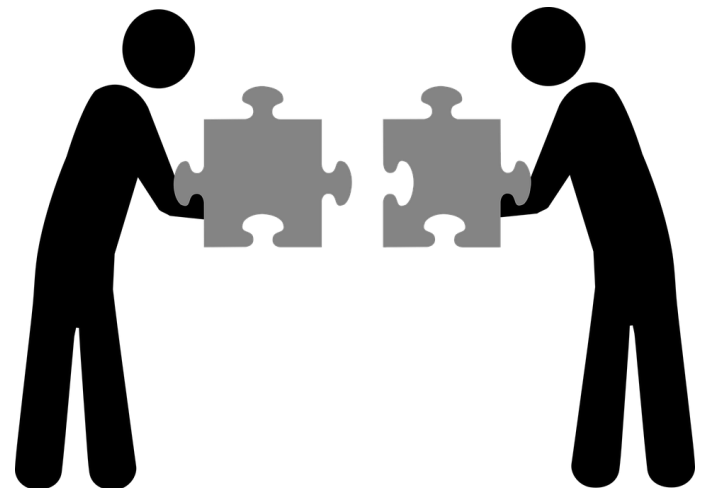
The Tools and Recommendations

- Multiple Tools & Solutions available
 - There are lots!
- Company- specific **Requirements** (Survey!)
 - They differ, even within an Organization
- Assessment needed
 - Available Options / internal & external Tools
 - Based on key Considerations and Business Drivers
 - Pros and Cons
 - Company- specific History to be considered
- Rollout and Adoption
 - Change Management
 - Monitoring
 - Guidance & Template (One for all!)



The Tools and Recommendations

- Wikipedia Functionality
 - [Atlassian Confluence](#) (C)
 - Crowdsourcing Mentality
 - Easy to use
- Integration
 - With other Tools and Software
 - Project Management Functionality
- Collaboration
 - Commenting- Function
 - Automated Emails
- Features
 - Export
 - Editor
 - Appearance



Summary - Q&A

...Understand the Problem...

...Understand why this is needed & the Benefits...

...Think how to implement...

...See the positive Change...

....Paper will be available...



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