

Digital Tools and Uses Set

coordinated by
Imad Saleh

Volume 8

Archives in The Digital Age

Preservation and the Right to be Forgotten

Abderrazak Mkadmi

Color Section

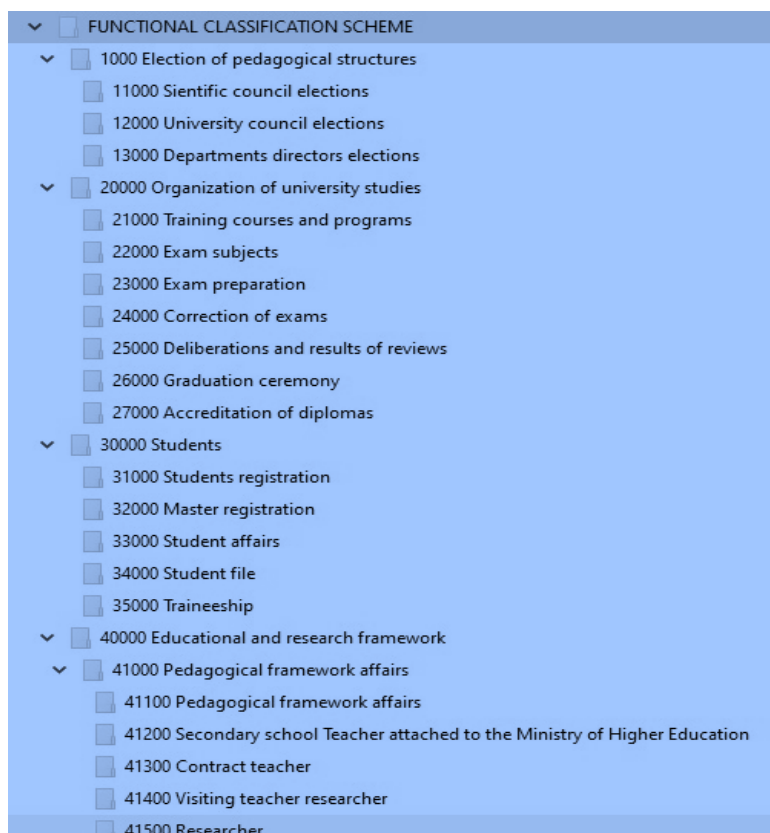


Figure 1.1. *Example of part of a classification structure for higher education documents*

10 ELECTIONS OF PEDAGOGICAL STRUCTURES				
11 TEACHER ELECTIONS FOR THE SCIENTIFIC COUNCIL				
Copy	Unit	Active	Semi-active	Inactive
Main [c]	General Secretariat	3 ¹	3 ¹	E ²
Secondary [c]	Scientific Council	X ³		E
Notes: (E = Elimination; C = Conservation) ¹ Conservation 3 years in active age and 3 years in semi-active. ² Elimination. Elimination concerns only paper documents, but the list of voters, the list of candidates, the list of elected officials and the minutes of the elections must be kept in digital form. ³ Retention 3 years after receipt of the document.				
10 ELECTIONS OF PEDAGOGICAL STRUCTURES				
12 STUDENTS ELECTIONS FOR THE SCIENTIFIC COUNCIL				
Copy	Unit	Active	Semi-active	Inactive
Main [c]	General Secretariat	3 ¹	3 ¹	E ²
Secondary [c]	Scientific Council	X ³		E
Notes: (E = Elimination; C = Conservation) ¹ Conservation 3 years in active age and 3 years in semi-active. ² Elimination. Elimination concerns only paper documents, but the list of candidates, the list of elected officials and the minutes of the elections must be kept in digital form. ³ Retention 3 years after receipt of the document.				
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Copy	Unit	Active	Semi-active	Inactive
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Secondary [c]	Scientific Council	X ³		E
Notes: (E = Elimination; C = Conservation) ¹ Conservation 3 years in active age and 3 years in semi-active. ² Elimination. Elimination concerns only paper documents, but the list of elected officials and the minutes of the elections must be kept in digital form. ³ Retention 3 years after receipt of the document.				

Figure 1.2. *Example of retention rules*



Figure 1.3. *Flatbed scanner (Epson)*



Figure 1.4. *Vertical scanner (Amazon)*



Figure 1.5. *Scanner with charger (Canon)*



Figure 1.6. *Drum scanners (Fujifilm)*



Figure 1.7. Book scanner (Wikimedia France)

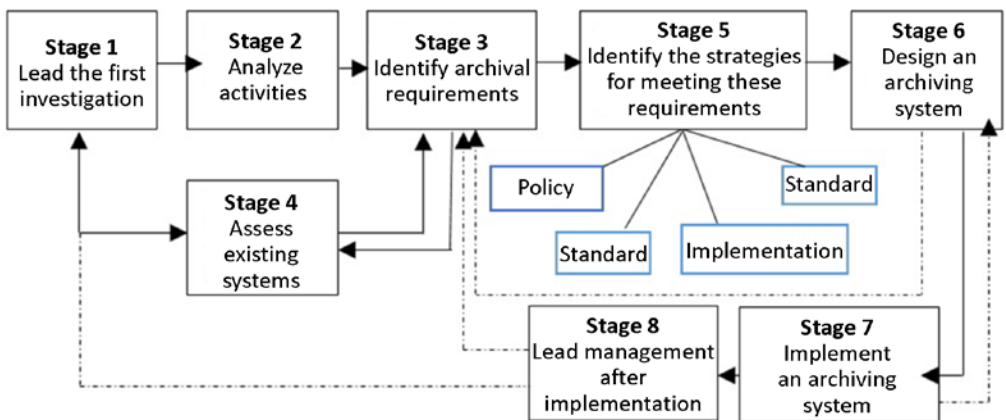


Figure 1.8. RM project design and implementation (ISO standard 15489) [COU 06]

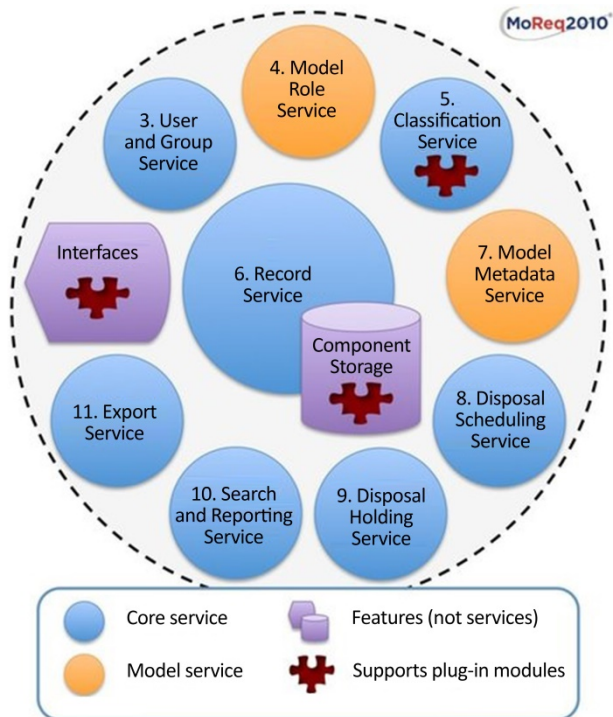


Figure 1.9. *MoReq2010 service-based architecture [DLM 10]*

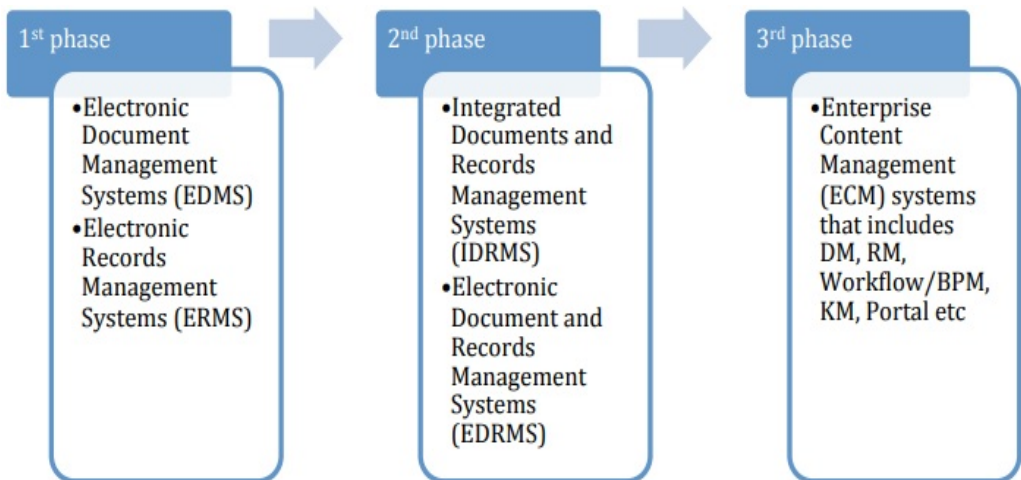


Figure 1.10. *Evolution of different concepts leading to ECM [KAT 12]*

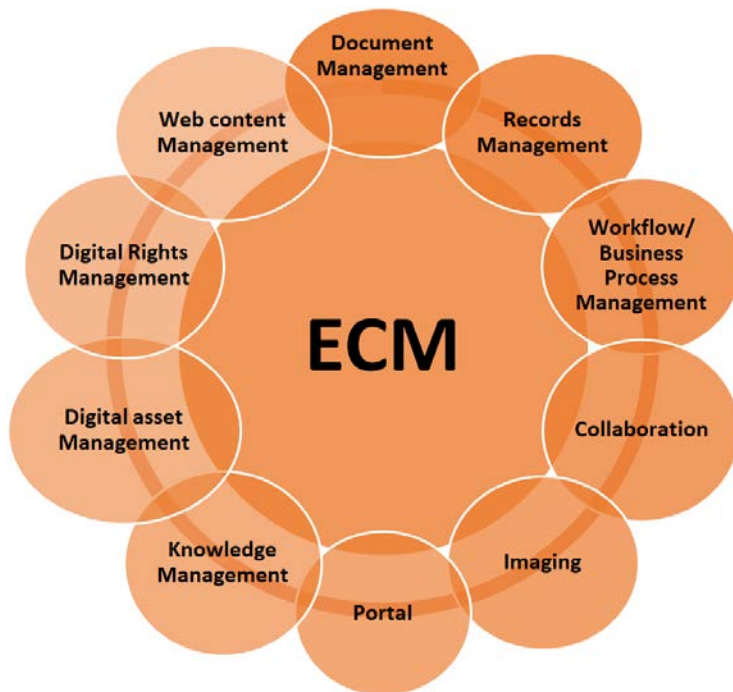


Figure 1.11. *The modules of a typical ECM application [KAT 12]*

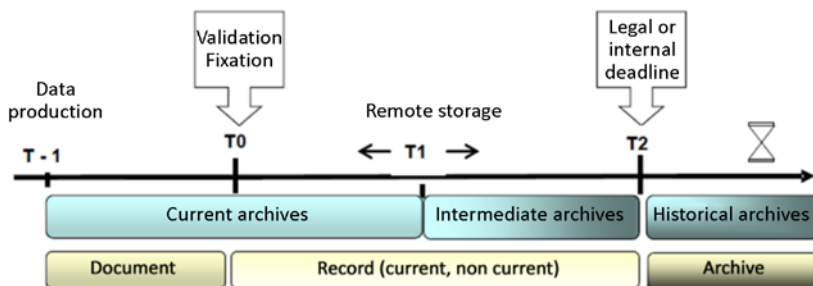


Figure 2.1. *Records management versus archiving [CHA 07]*

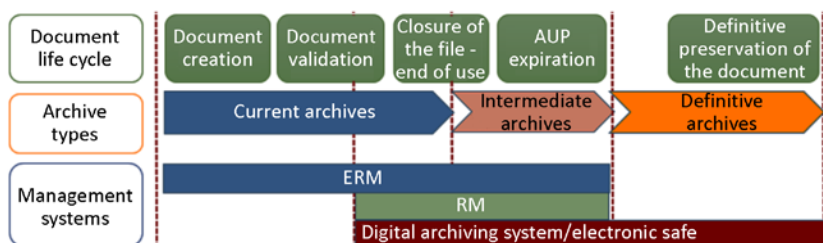


Figure 2.2. Document lifecycle versus management systems [NOV 18]

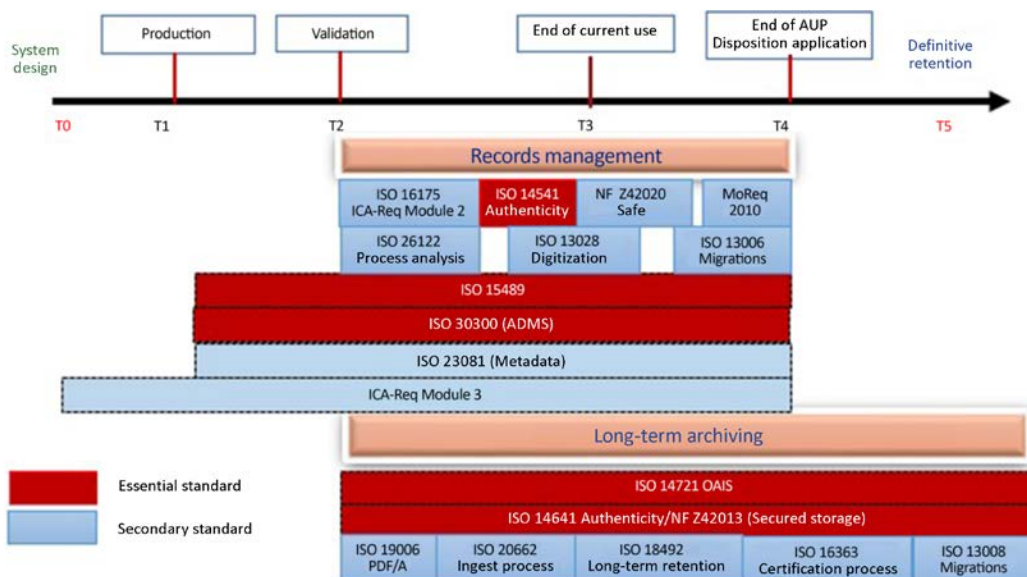


Figure 2.3. The normative landscape of digital archiving (based on [DIS 12] and [REM 17])



Figure 2.4. Label of the standard NF 461-Electronic archiving system

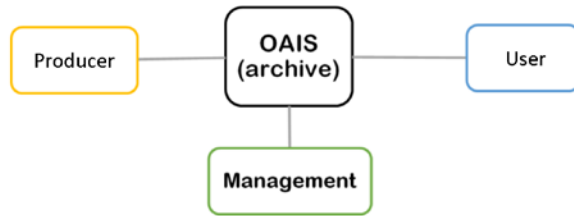


Figure 2.5. *OAIS environment*

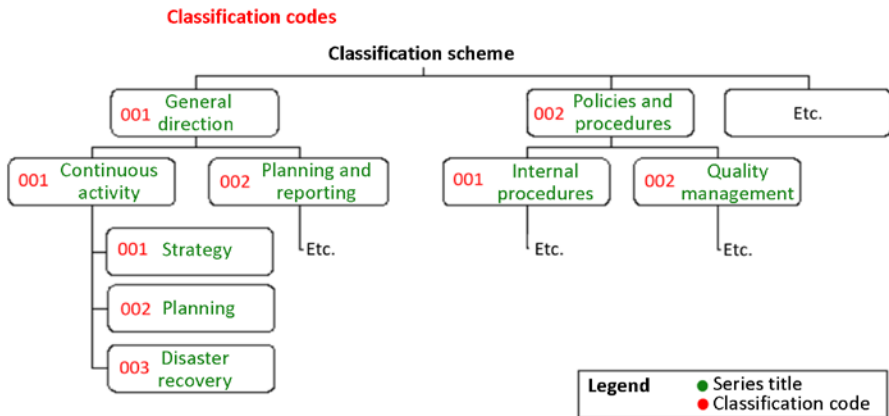


Figure 2.7. *Coding in a classification scheme [SIB 09]*

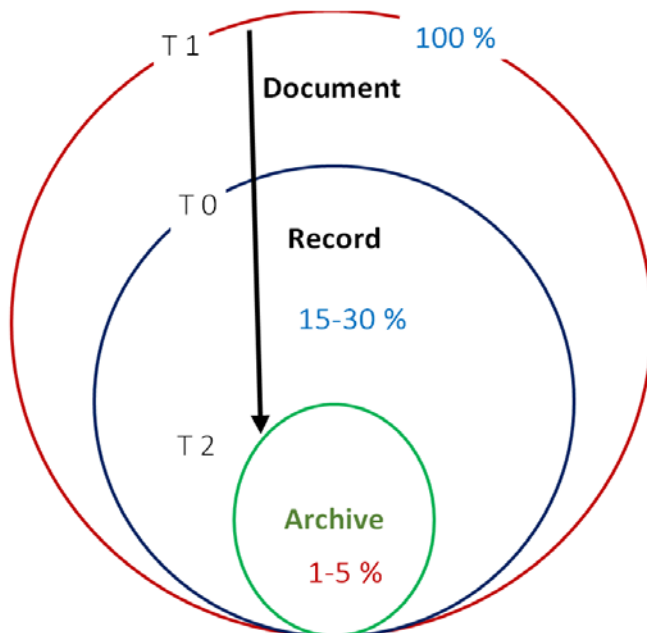


Figure 2.8. *Information lifecycle and archiving*

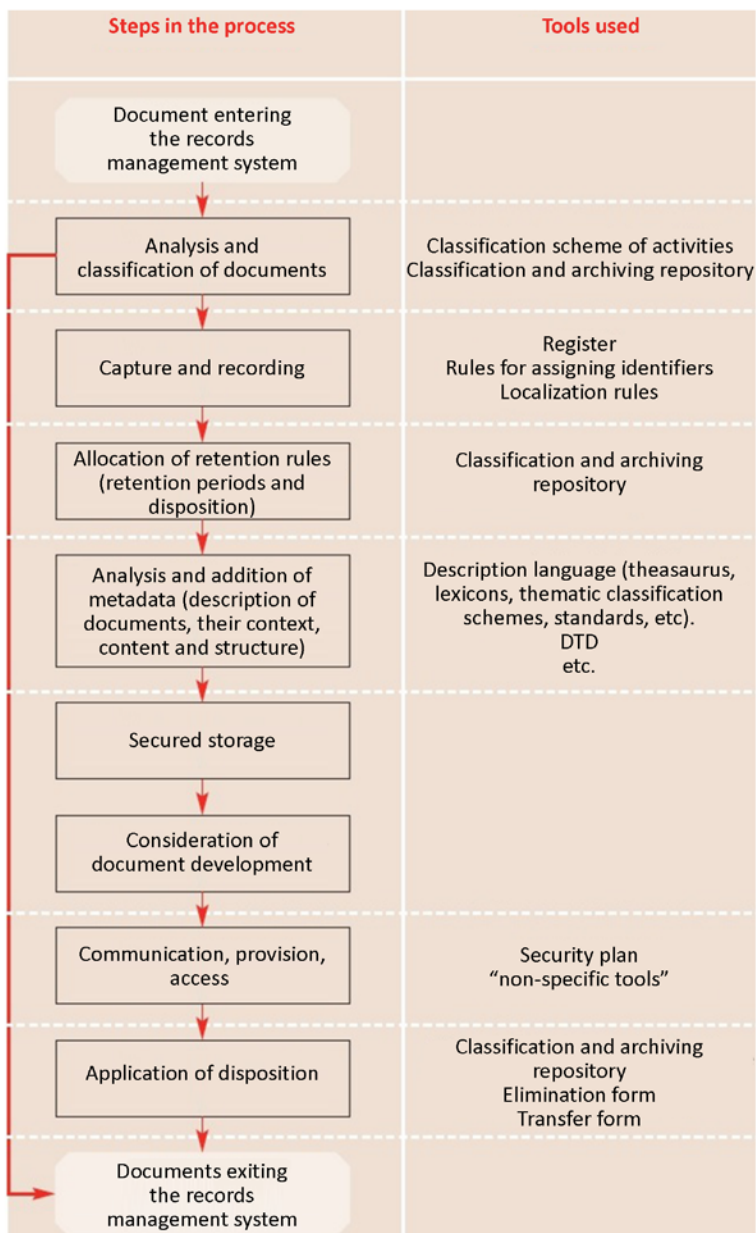


Figure 2.9. *Lifecycle of archived documents [ADB 05]*

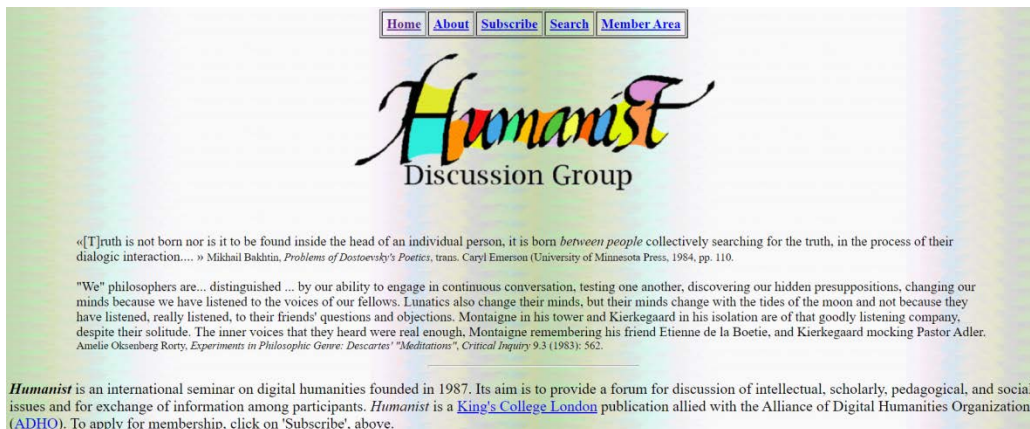


Figure 3.1. Humanist discussion group

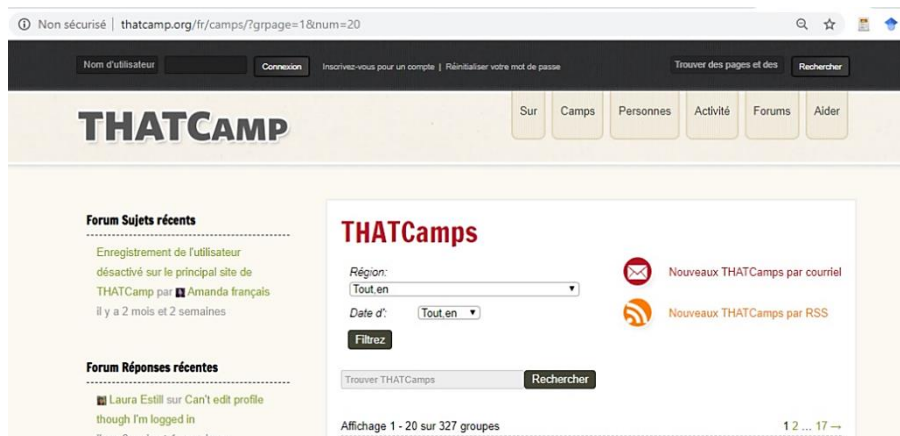


Figure 3.2. THATCamp Website: 327 events worldwide to date



Figure 3.3. Day of DH Website



Figure 3.4. Huma-Num Website



Figure 3.5. Pleade Website

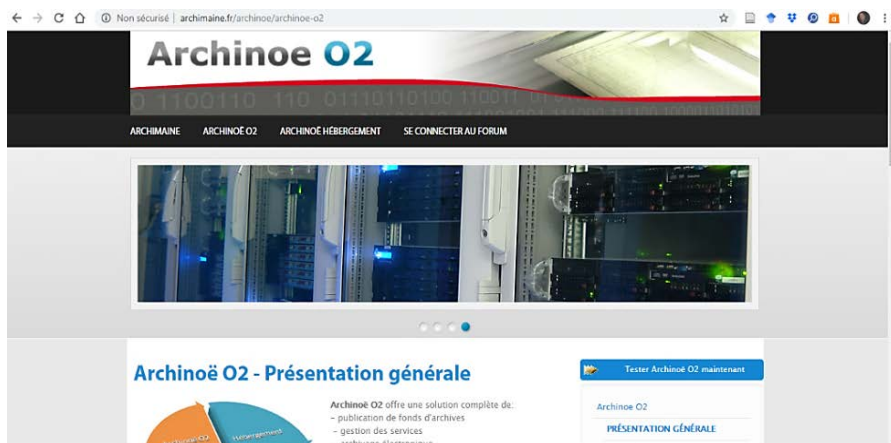


Figure 3.6. Archinoë O2 Website

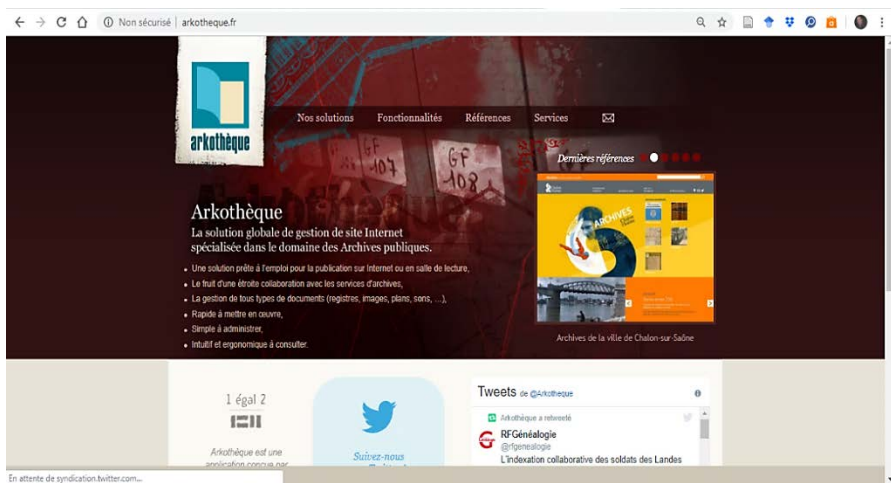


Figure 3.7. Arkothèque Website



Figure 3.8. Ligeo Website

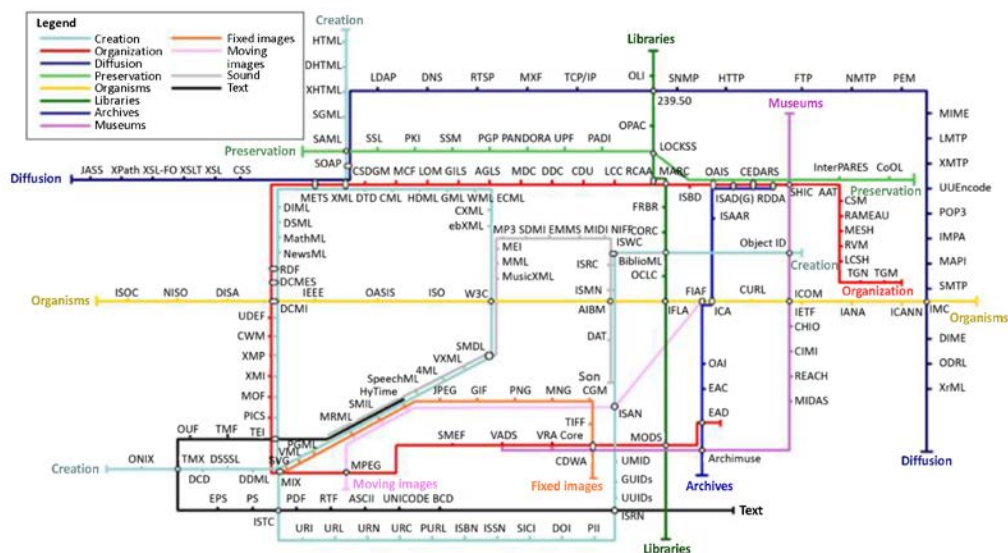


Figure 3.9. MetroMéta [TUR 03]

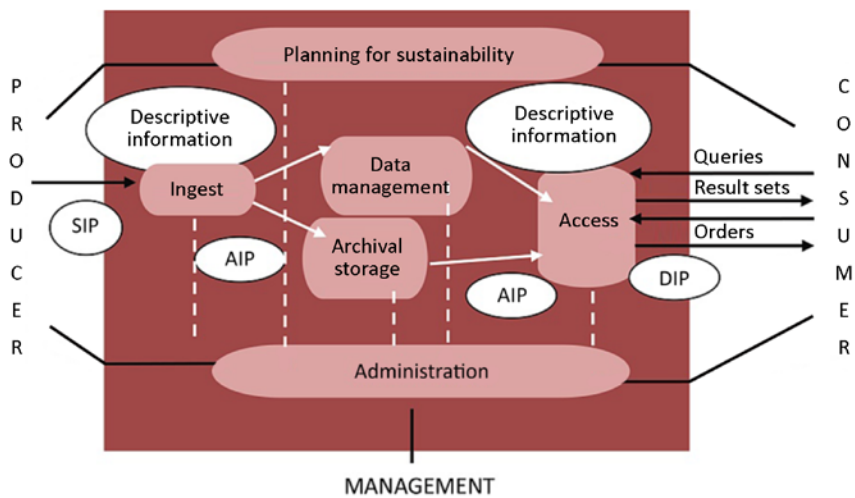


Figure 3.10. OAIS model (IASA Web)

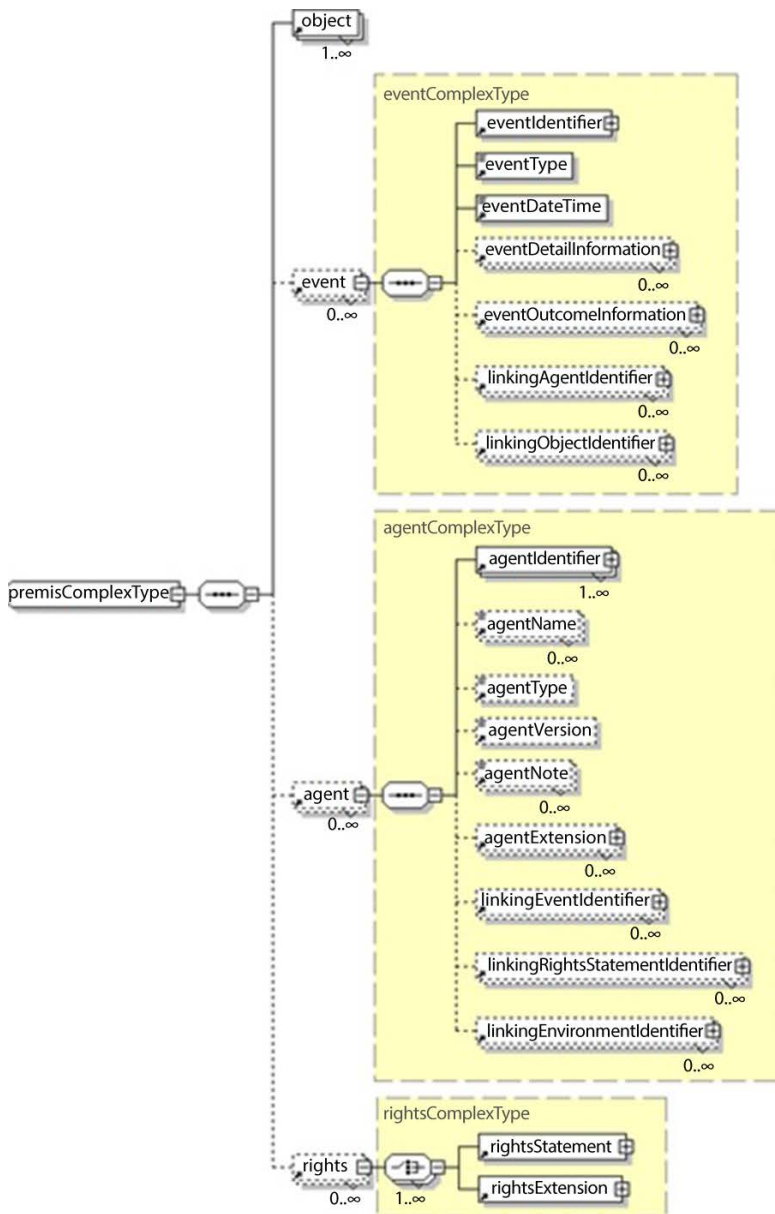


Figure 3.12. XML schema of PREMIS

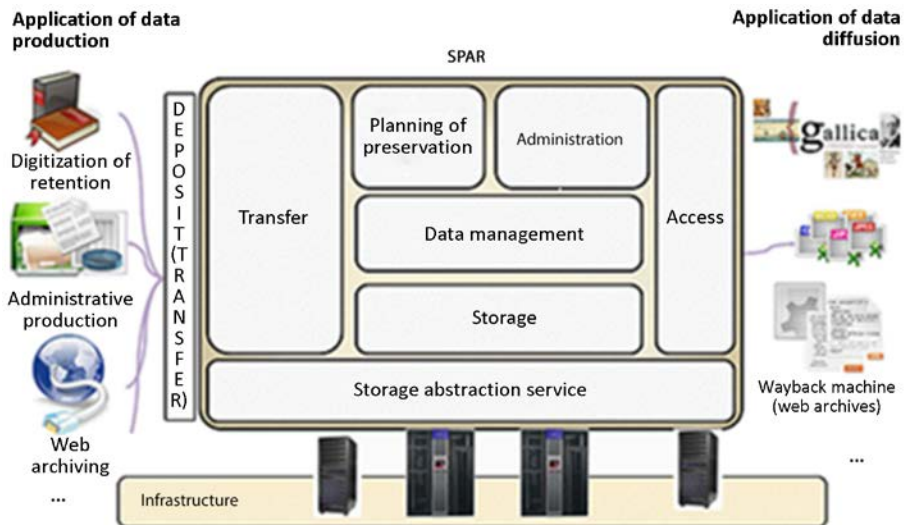


Figure 3.13. Functional model of SPAR [BNF 18]



Figure 3.14. Persée welcome interface

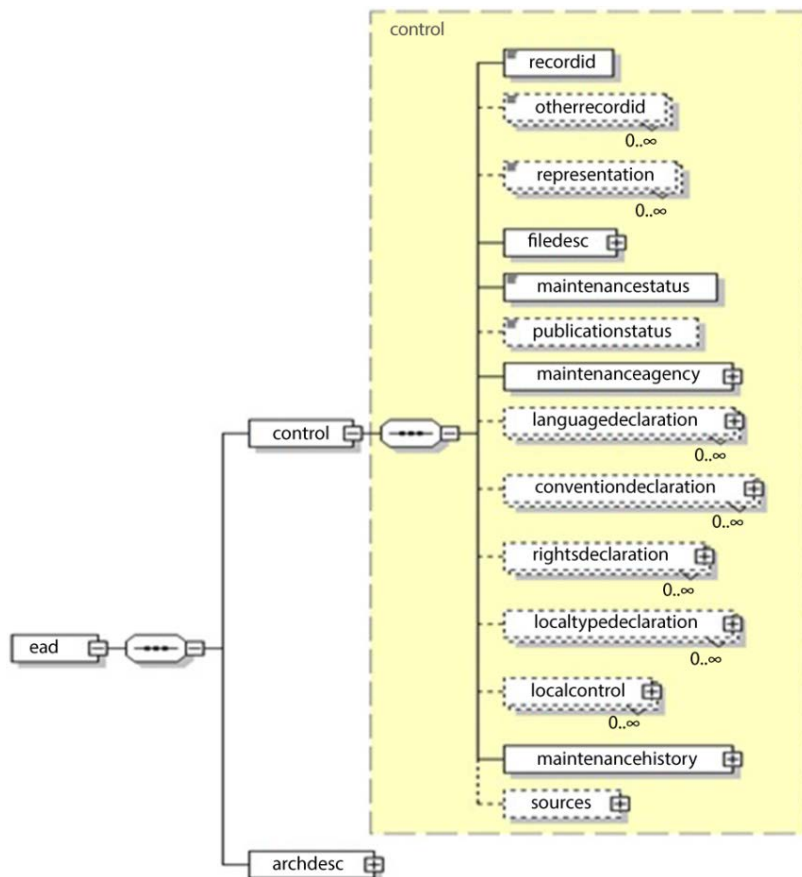


Figure 3.15. EAD: control part (header in the old version)

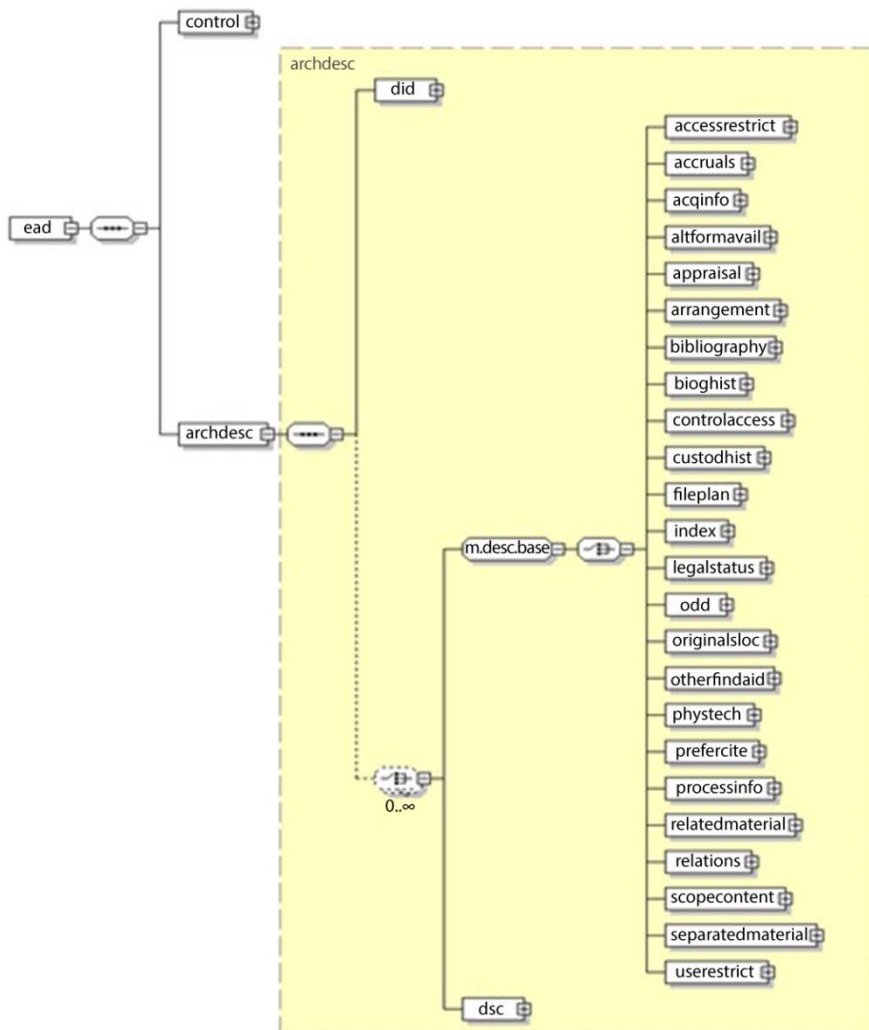


Figure 3.16. *EAD: part of collection description*

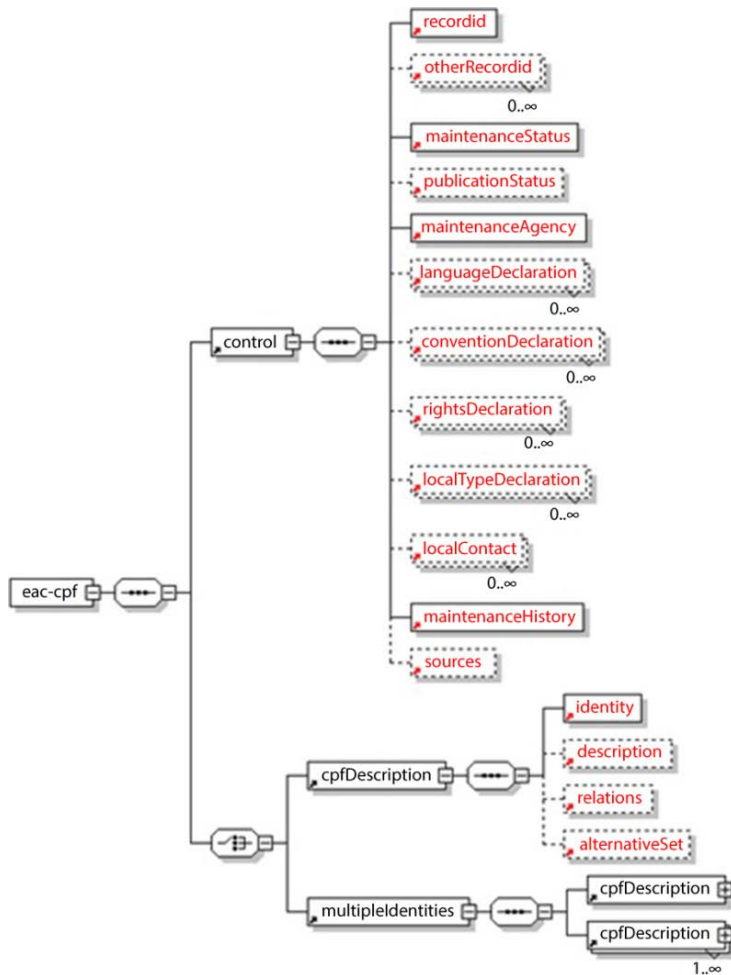


Figure 3.17. *EAC-CPF XML schema*

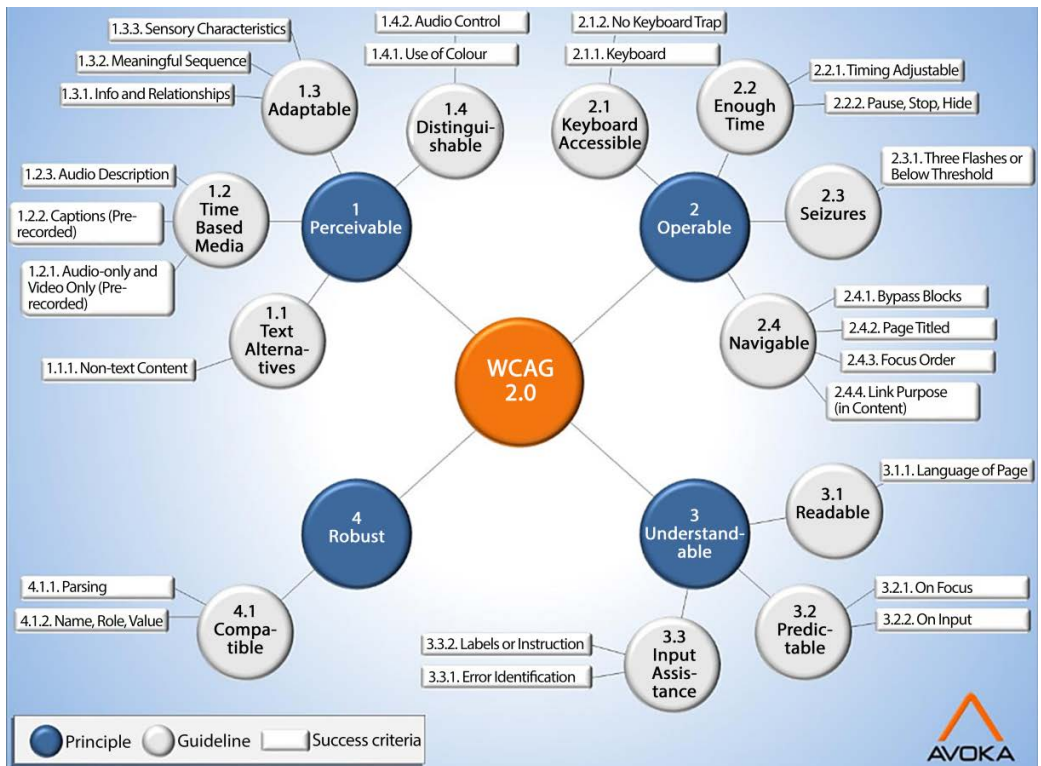


Figure 3.18. Map of web content accessibility guidelines

New Success Criteria:

- | | |
|--------------------------------------|---|
| 1.3.4 Orientation (AA) | 2.3.3 Animations for Interactions (AAA) |
| 1.3.5 Identify Input Purpose (AA) | 2.5 Input Modalities (New Principle) |
| 1.3.6 Identify Purpose (AAA) | 2.5.1 Pointer Gestures (A) |
| 1.4.10 Reflow (AA) | 2.5.2 Pointer Cancellation (A) |
| 1.4.11 Non Text Contrast (AA) | 2.5.3 Label in Name (A) |
| 1.4.12 Text Spacing (AA) | 2.5.4 Motion Actuation (A) |
| 1.4.13 Content on Hover or Focus (A) | 2.5.5 Target Size (AAA) |
| 2.1.4 Character Key Shortcuts (AA) | 2.5.6 Concurrent Input Mechanisms |
| 2.2.6 Timeouts (AAA) | |

Figure 3.19. WCAG 2.140 according to [TRI 18]

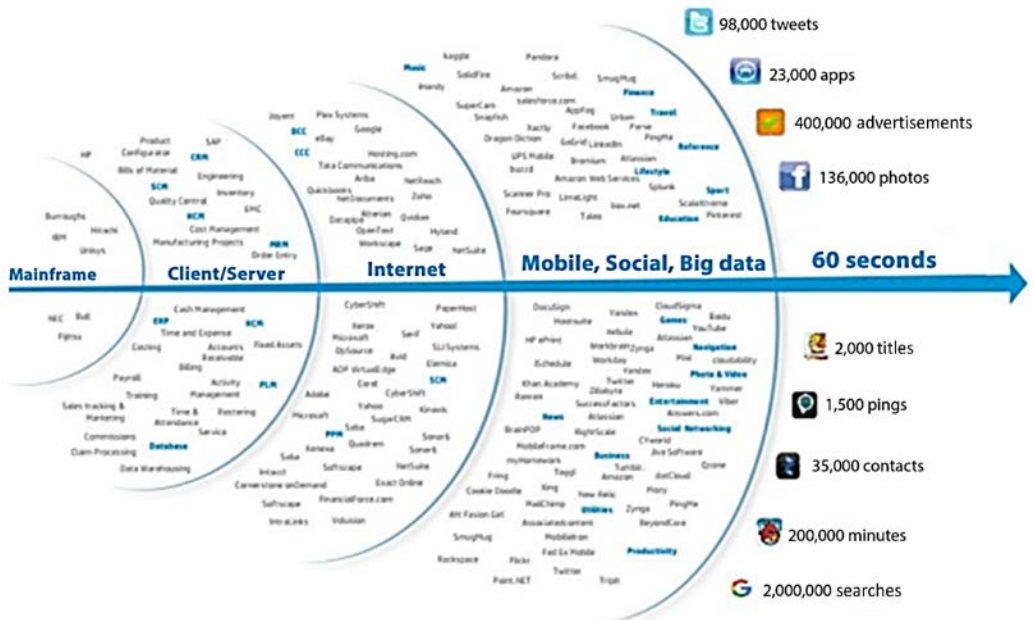


Figure 4.1. Exponential expansion of the data exchanged over the Internet [HAS 16]

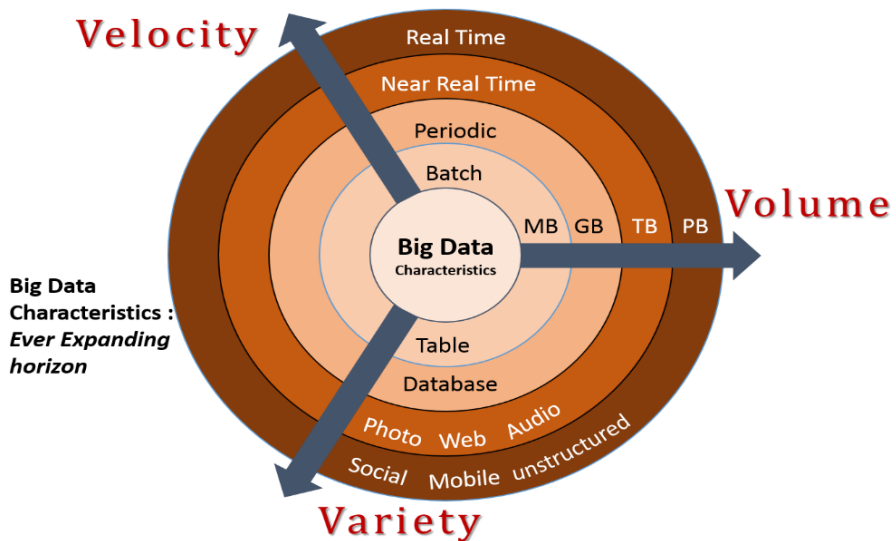


Figure 4.2. Big Data 3Vs model (Data Science Central LLC)

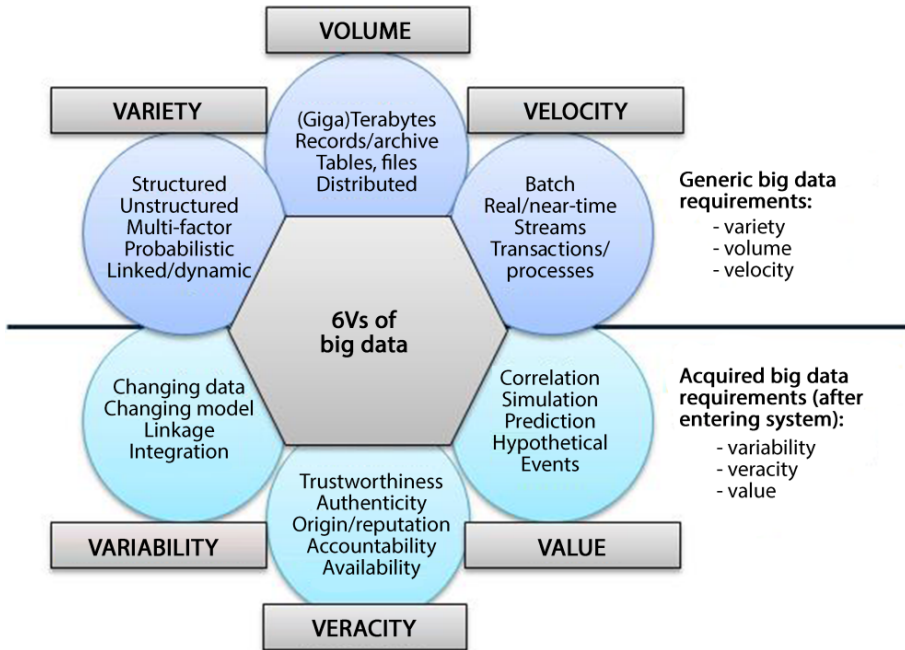


Figure 4.3. 6Vs of Big Data [DEM 14]

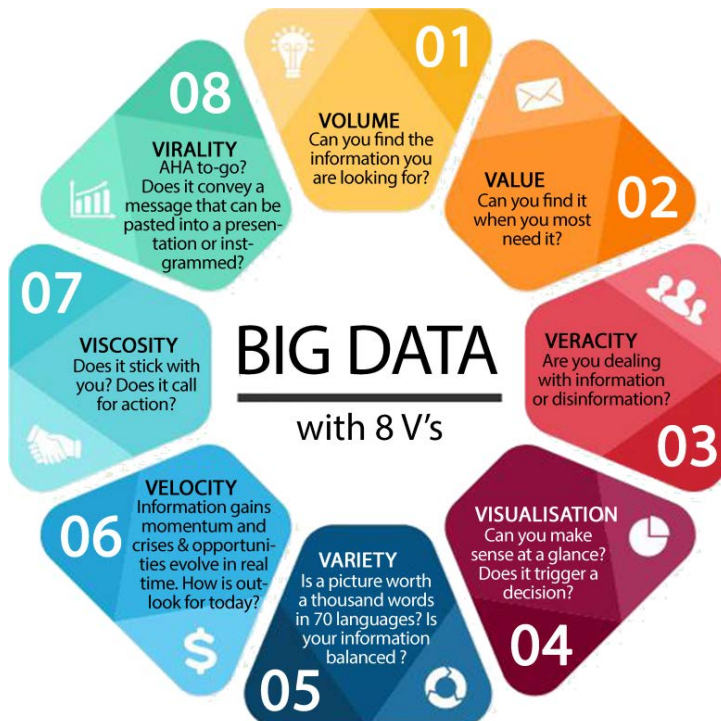


Figure 4.4. 8Vs of Big Data (M-Brain)

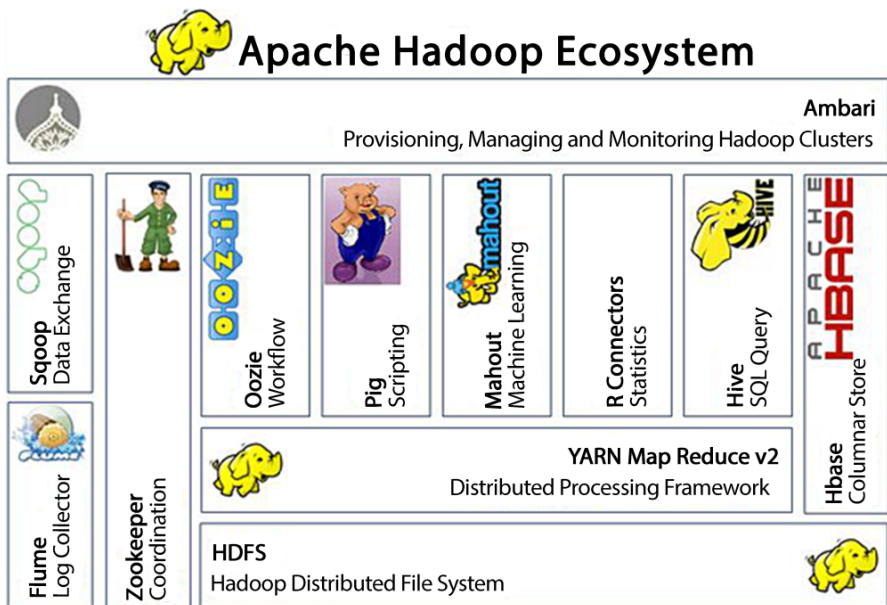


Figure 4.5. *Hadoop ecosystem (Source: Apache Software Foundation)*

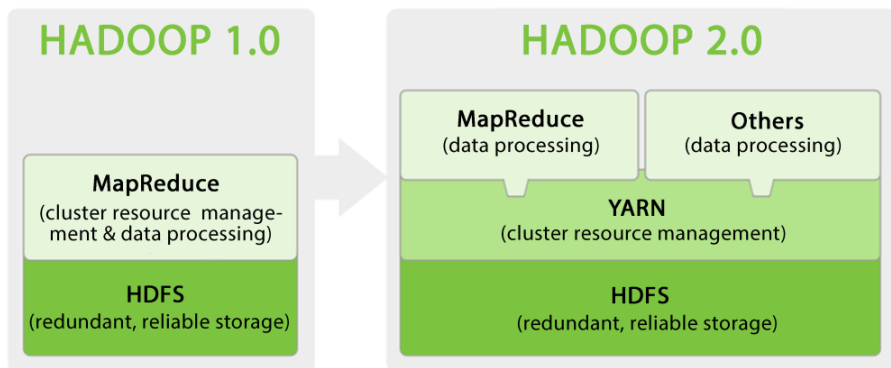


Figure 4.6. *From Hadoop 1.0 to Hadoop 2.0 [BAS 18]*

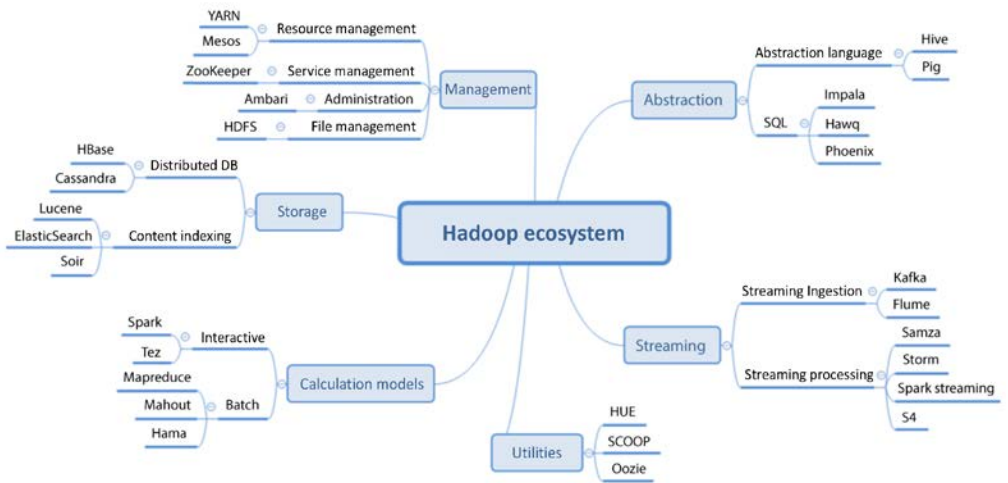


Figure 4.7. Hadoop ecosystem [JUV 19]

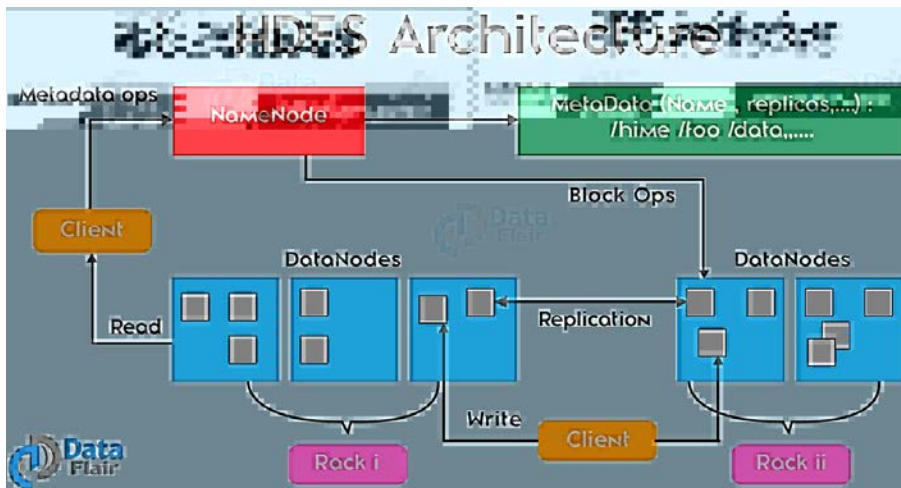


Figure 4.8. Architecture of Hadoop HDFS

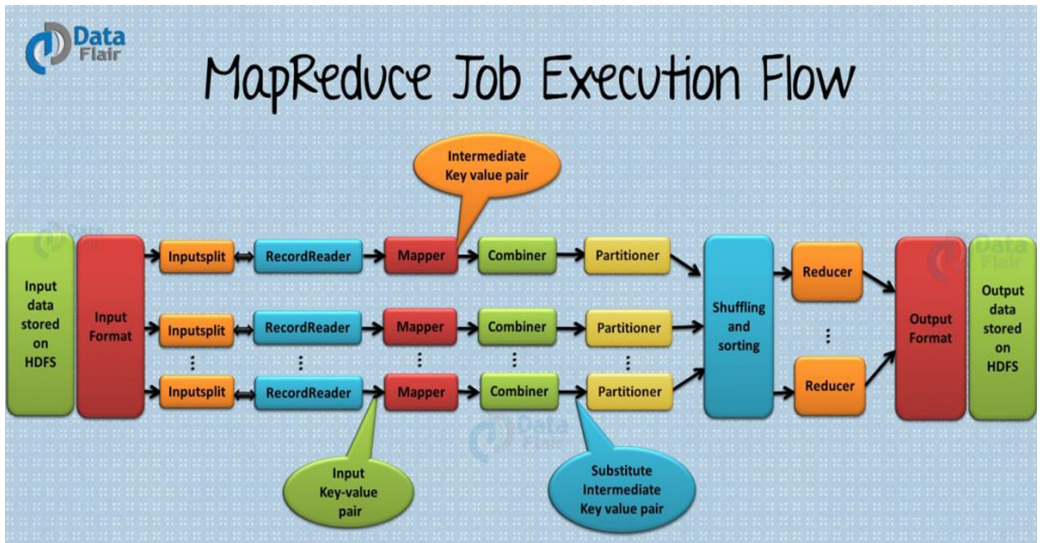


Figure 4.9. How MapReduce works [DAT 19]

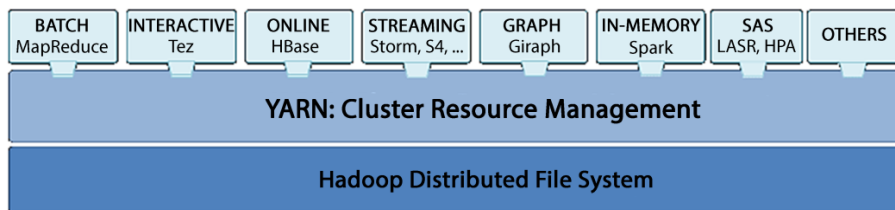


Figure 4.10. Yarn: manager of cluster resources [DAT 19]

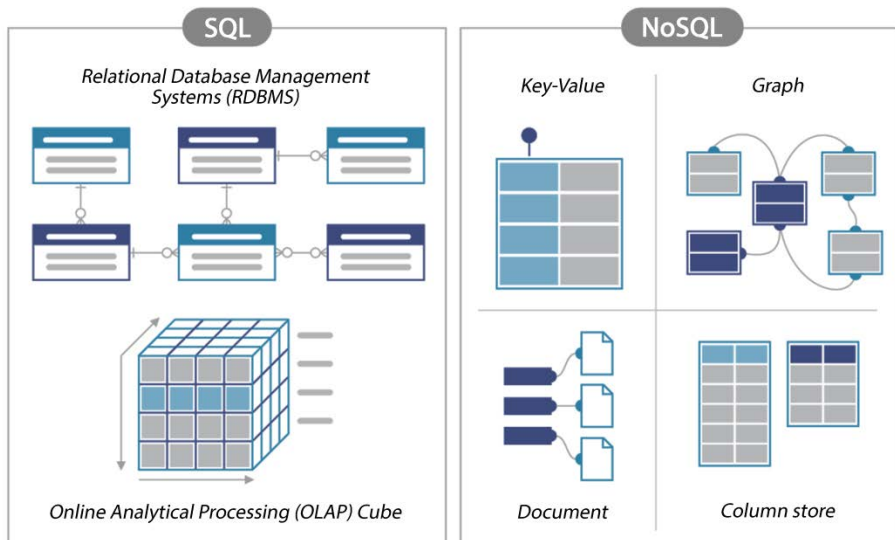


Figure 4.11. Differences between SQL databases and NoSQL databases [SCY 19]

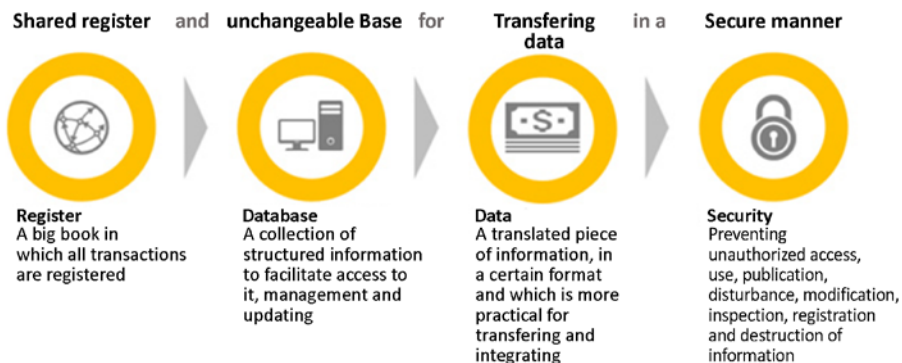


Figure 4.13. Schematic diagram of the definition of the blockchain [CRE 18]

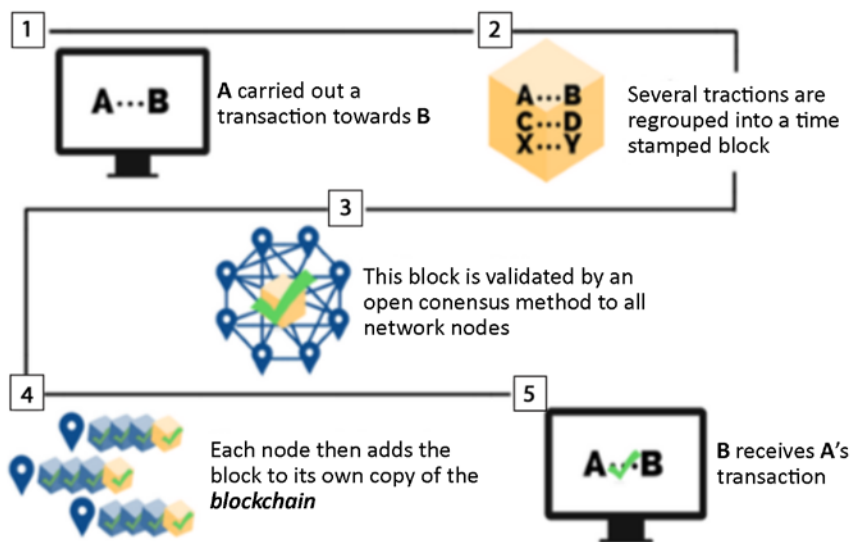


Figure 4.14. Example of the recording of a transaction with blockchain (Source: Office parlementaire d'évaluation des choix scientifiques et technologiques – Parliamentary Office for the Evaluation of Scientific and Technological Decisions [AUB 18])

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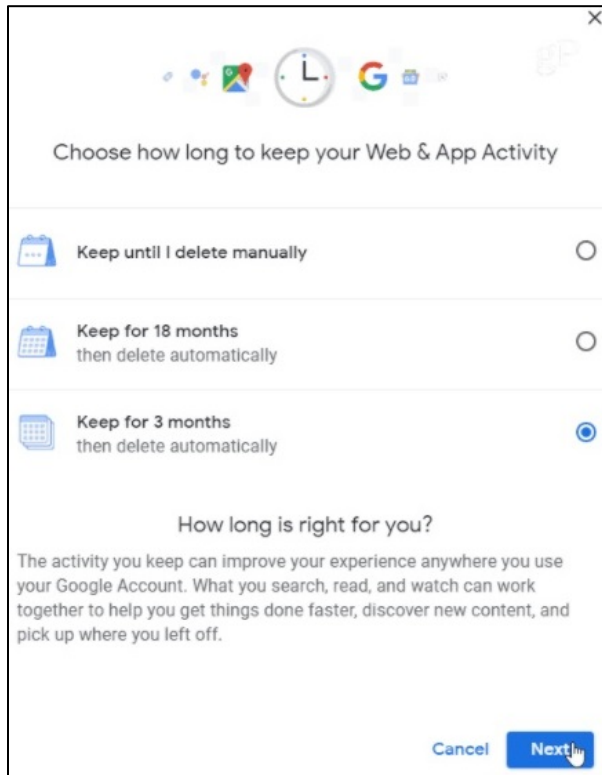
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Figure 5.2. *Request for the deletion of personal data on Google (information about the pages to be deleted and the reasons)*



Choose how long to keep your Web & App Activity

- ☐ Keep until I delete manually
- ☐ Keep for 18 months then delete automatically
- ☒ Keep for 3 months then delete automatically

How long is right for you?

The activity you keep can improve your experience anywhere you use your Google Account. What you search, read, and watch can work together to help you get things done faster, discover new content, and pick up where you left off.

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Figure 5.4. *Automatic deletion of data on Google*