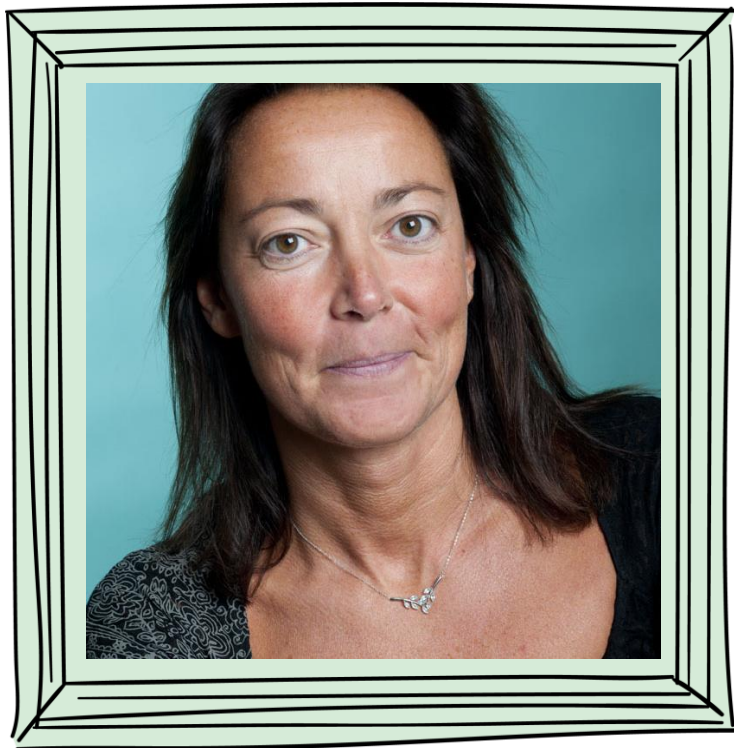




Web Accessibility by default

– can authoring tools do the job?

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Susanna Laurin

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G3ict & IAAP representative to the EU

- WADex SubGroup
- (H)EN301549
- ETSI STF 536
- WCAG 2.1
- IAAP GLC Chair

Funka

- Founded by the disability movement
- Private company 2000
- Consulting and development
- Research & innovation
- Policy and studies
- Standardisation

IAAP International Association
of Accessibility Professionals



What's the problem?



50% of accessibility problems
are created by web authors



Gigantic need for training

**What if accessibility could
be built in from the start?**

**Or if support
could be included?**



Pilot Project: We4Authors

Funka (leader), CTIC

May 2018 – December 2019

€150,000

The most used tools
by public sector bodies
in the EU

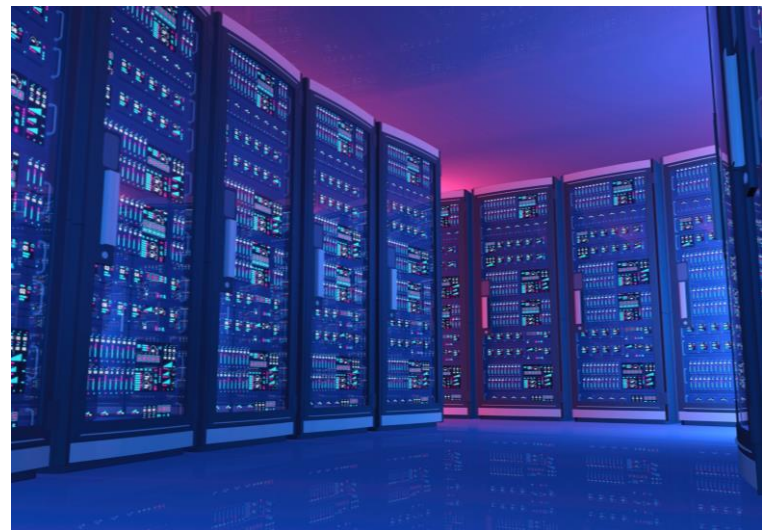
Matrix of the most used tools

11,000 pages analysed

1,800 websites analysed

832 websites with identified tools

61 different tools



10 authoring tools selected

| CMS | Rank (count) | Programming language | Headless/Decoupled | Social Media | Integrated statistics | Business model |
|--------------|--------------|----------------------|--------------------|-----------------|-----------------------|----------------------|
| DRUPAL | 1 (210) | PHP | Decoupled | Yes | Yes | OSS |
| WORDPRESS | 2 (131) | PHP | Decoupled | Yes (plugins) | Yes | OSS |
| LIFERAY | 3 (72) | JAVA | Decoupled | Yes | Yes | OSS free /commercial |
| TYPO3 | 4 (64) | PHP | No API | Yes (extension) | Yes, (add-on) | OSS |
| SHAREPOINT | 5 (61) | .NET | Decoupled | Yes | Yes | License/Service |
| JOOMLA | 6 (35) | PHP | No API | Yes (extension) | Yes, (add-on) | OSS |
| DNN | 7 (16) | .NET | Decoupled | Yes (extension) | Yes | OSS |
| SITEVISION | 8 (16) | JAVA | Decoupled | No | Yes, (add-on) | License/Service |
| IBM WEBSHERE | 9 (13) | C, VB, COBOL | Decoupled | Yes (extension) | Yes | License/Service |
| EPISERVER | 10 (13) | .NET | Decoupled | Yes (extension) | Yes, (add-on) | License/Service |



Piloting and testing

- Collaboration with tool makers
- Surveys and prototypes
- Analysis and user testing



Stakeholder involvement

Workshops:

- Public sector
- End users with disabilities
- Industry and standardisation



Research results

- Matrix of tools used
- 3 sets of Guidelines
- A starting point for further research

www.funika.com/we4authors



Two complementary projects



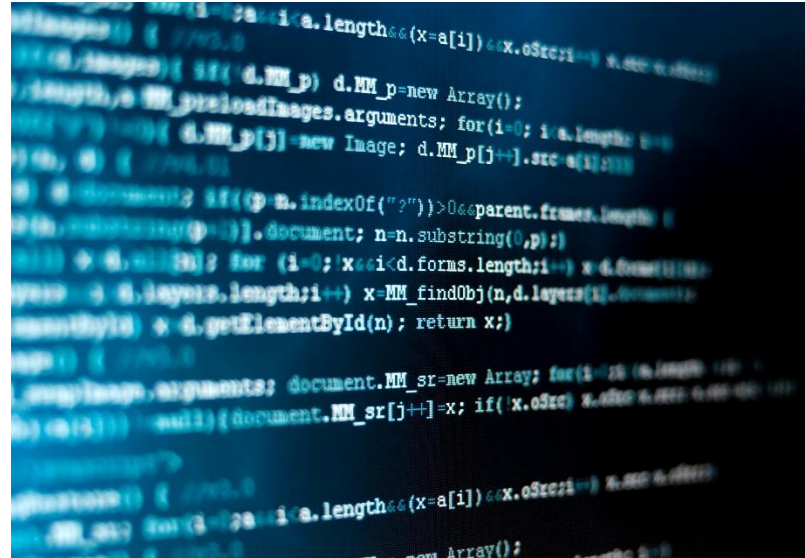
We4Authors FEAT

- Focusing on EpiServer
- Creating accessible templates
- Free to use for all partners and clients
- Can be transferred to other tools



We4Authors Cluster

- Partnering with major tool makers
- Creating new features
- Implementing and testing in different types of tools
- Sharing code in common repository



A methodology we have seen before

FEAT

Ready to use templates

Almost no cost

In depth

Small sample

Cluster

Reusable features

Development cost

Technology independent

Majority of the market

An important part of the solution

- Avoid unnecessary mistakes
- Accessibility by default
- Help non-experts get it right
- Framework contracts
(centralised procurement)
- We can focus
on more complex issues





**There is no such thing
as an average user**

Funka 

