



## Scalable Understanding of Multilingual Media (SUMMA)

<http://www.summa-project.eu>

**H2020 Research and Innovation Action  
Number: 688139**

### **D6.4 – External Media Monitoring Demonstrator beta version prototype**

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## **Abstract**

This document confirms that a demonstrator of the external media monitoring use case was created and tested by BBC Monitoring, the owner of that use case.

The initial plan was to create separate demonstrators for the external monitoring use case and the internal monitoring use case (owned by Deutsche Welle). However, it was decided that the required functionalities were close enough that a single demonstrator could be created with customisable elements to suit either use case.

Deutsche Welle and BBCM worked together with the integrator partner, LETA, to create an initial prototype that met both parties' Minimal Viable Product needs.

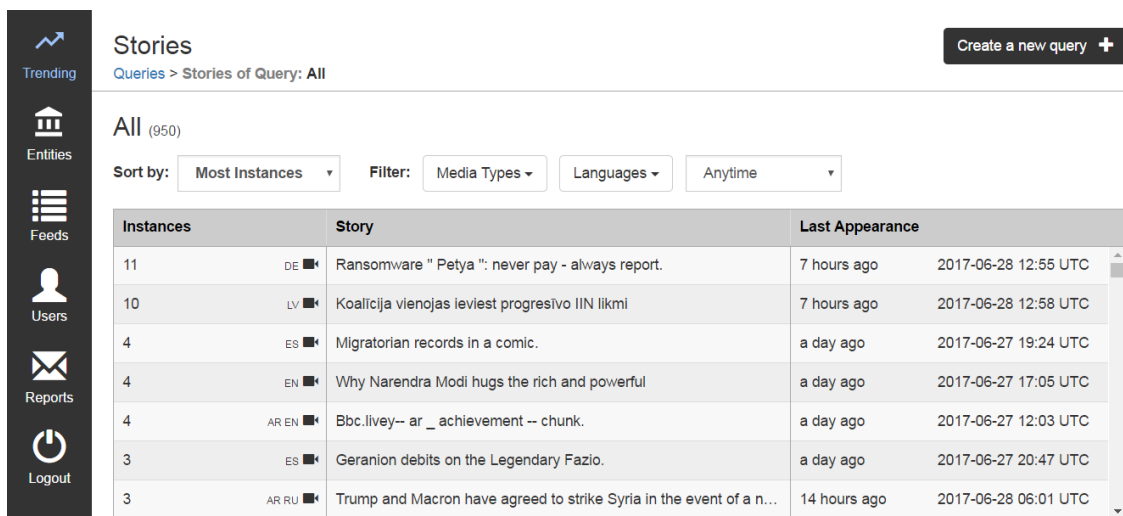
Both carried out user evaluation on the demonstrator, and their findings can be found in Deliverable 7.2 Initial Evaluation.

## 1 Demonstrator

The prototype external media monitoring demonstrator was made available at BBC Monitoring from June 2017.

The demonstrator was mainly designed to show that the SUMMA components could be successfully integrated into a working pipeline. It was not designed to provide a high-end user experience, either in terms of UX design or functionality. The design process for this demonstrator is described in more details in D1.2. Initial Prototype Report.

In Figure 1 we can see the page that lists instances of media items for stories the platform has identified. The stories are ranked from highest number of instances down, and display the time of the last instance.



Instances	Story	Last Appearance
11	DE Ransomware "Petya": never pay - always report.	7 hours ago 2017-06-28 12:55 UTC
10	LV Koalīcija vienotās ieviest progresīvo lēmumu	7 hours ago 2017-06-28 12:58 UTC
4	ES Migratorian records in a comic.	a day ago 2017-06-27 19:24 UTC
4	EN Why Narendra Modi hugs the rich and powerful	a day ago 2017-06-27 17:05 UTC
4	AR EN Bbc.livey-- ar _achievement -- chunk.	a day ago 2017-06-27 12:03 UTC
3	ES Geranion debits on the Legendary Fazio.	a day ago 2017-06-27 20:47 UTC
3	AR RU Trump and Macron have agreed to strike Syria in the event of a n...	14 hours ago 2017-06-28 06:01 UTC

**Figure 1:** SUMMA stories

In Figure 2 we can see the media items the clustering module has identified as belonging to the same story and the automated summary of the story. There is also a box listing the topics identified within the items.

Figure 3 shows the 'Trending' view. This features the topic entities that the platform has detected most often in ingested material in the last 24 hours. The bars show how many media items were identified with the entity for each hour.

## 2 Initial Feedback

Preliminary feedback was obtained from users at BBC Monitoring, who saw great potential in the platform. This feedback is currently rather preliminary: only a limited number of media sources were available in this initial prototype, some languages had only initial stream processing components (e.g. Russian translation was found to have low accuracy), and – owing to the limited amount of material in the platform – some aspects (e.g. trending entities) could only provide limited. In addition there were various user interface issues (which have been fed back into the platform development).

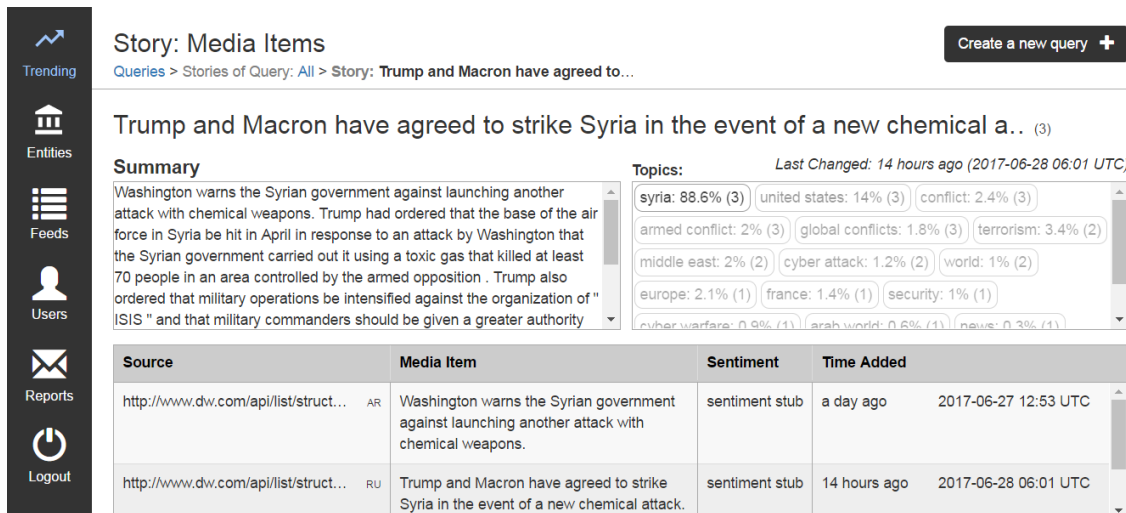


Figure 2: SUMMA summary

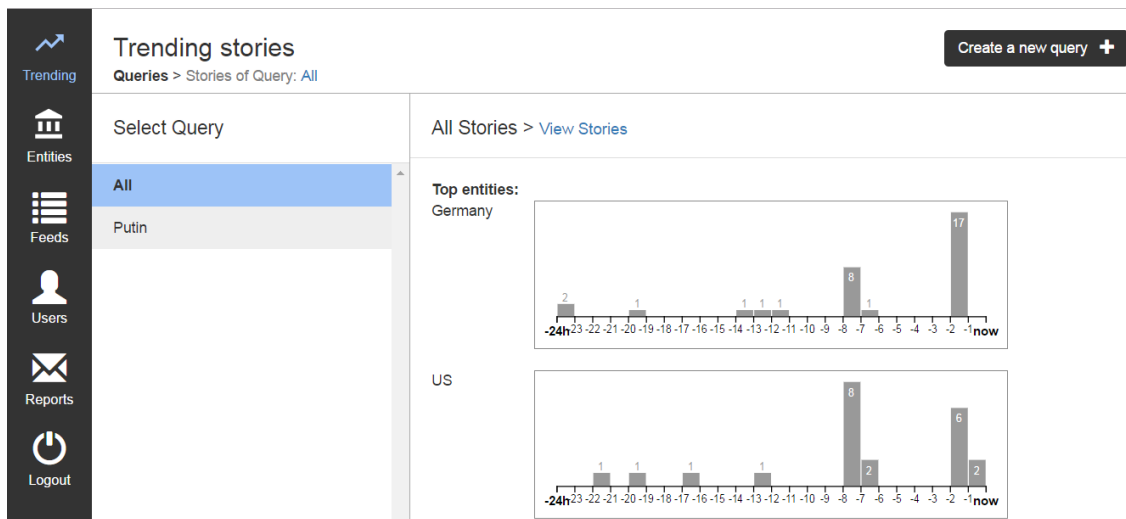


Figure 3: SUMMA trending

Overall the demonstrator acted as a window on how the platform would look and operate, and is as planned for this point in the project.

### 3 Conclusion

The demonstrator (prototype) was successfully used by both use case owners to test the functions of the platform. The creation of one demonstrator to serve both owners' needs represents a good efficiency both in the creation of the demonstrator and the further iterations of the platform. Making it customisable will also ensure the future platform is appealing and useful to as many potential users as possible.

**ENDPAGE**

**SUMMA**

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prototype