

During the brainstorming session on June 2, 2018 the following activities have been suggested as follow-up steps:

1. **Dissemination:**

- 1.1. list of tools and tool evaluation results on Wikipedia. Target audience: general audience
- 1.2. blogs (IEEE software has/had a blog that we can use for a general discussion of sentiment/emotion analysis) and YouTube videos. Target audience: software developers. Use Reddit and HackerNews to advertise the blog posts/videos.
- 1.3. Technical briefing (ICSE) and tutorials. Target audience: researchers
- 1.4. Journal special issues. Nicole Novielli, Andrew Begel and Walid Maalej are CO-editing a special issue of JSS. Target audience: researchers (in progress, for updates check: <https://goo.gl/5zDdXc>)
- 1.5. Theme issue of IEEE Software. Nicole Novielli, Per Lenberg and Alexander Serebrenik have submitted a proposal.

2. **Methods and tools**

- 2.1. Rigorous roadmap: how do we collect our data, how do we label our data, apply our tools, evaluate our tools, etc. Collection of best practices and pitfalls. "Promises and perils"? This roadmap should also provide a unified framework of reference ensuring that we use the same language to talk about sentiment/emotion.
- 2.2. Extension of the existing tools beyond the current limitations, e.g., the politeness tool has only been designed for questions. What about detection of sentiment in different aspects, e.g., "the API is easy to use but the implementation is horribly slow"?
- 2.3. Relating different ways of measuring sentiment/emotion to each other (text, biometrics, self-reporting).
- 2.4. Benchmark datasets.

3. **Applications**

- 3.1. One of the challenges in application of sentiment/emotion analysis tools is the dominance of the neutral class in most datasets considered. What use cases that would not suffer from this limitation do we envision?
- 3.2. Longitudinal studies

4. **Contextualizing emotions** (personality, age, culture, gender).

5. **Community building**

- 5.1. Create a Google group for researchers and practitioners. We can start with the list of participants if SEmotion 2018 and further invite researchers that have published on this topic elsewhere
- 5.2. SEmotion 2019?