

## Team SIGSEGV

1. Our members:
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The team captain is Dimitar Pendurkov

2. Our project will be under Theme 3: System Extension. The subtopic is 3.1 MeTA Toolkit.
3. We plan on making Metapy compatible with recent versions of Python and integrating/adding a ranking function.
4. We will demonstrate the compatibility by installing and running Metapy scripts with the latest python version and we will demonstrate the ranking function by running the added function on the same datasets through our implementation and another implementation and comparing results.
5. Our code will communicate with the system by updating its source code directly.
6. We plan on using python
7. Extending Metapy to work with newest versions of python is hard to gauge workload wise but it is assumed to be non-trivial as its large presence but lack of updates from the creators / other users. The other task is implementing a ranking algorithm which requires planning, research, and testing. If the time spent is less than  $20 \cdot N$  (in our case 60) hours total, we can always implement more functionality and possibly integrate a toolkit into Metapy such as NLTK.