Review

File Name: rss.py  
Version Name: 263dd19  
Location: team01-Project/RefSearch/src/rss.py

1. Correctness

From a developer’s perspective, code is written logical and appears to work as intended. It appears to be bug free and all components appear to work as intended.

1. Coding style

* Increase in use of white space above and below comments is highly recommended
* Good use of try and except block in rss\_feed function

1. Coding guidelines

* The does not follow Pep8 guidelines – there are lot of white space left after the end of line and lot of white space is missing before and after comments
* Line-64 has more than 80 characters
* The code is not consistent in terms of variable names

1. Documentation

* line-29 has spelling error as “total” is spelled as “totle”
* too many unnecessary comments ex: at line-31, 34,
* the naming such as “ctime” to “iso-time” in comments does not explain what is “ctime” or what is “isotime”
* Try to write better docstrings without the need of providing an explicit example
* Variable naming at line:37 is not meaningful – “a\_time” does not tell what’s “a”
* Line:52 has variable used in it (ex: %a %d %b) which does not clearly tell what are they for and comment above is also very vague
* Spelling errors in line:53
* Better naming of variable is recommended ex: “rss\_a” is not really a meaningful variable
* Unnecessary print statements at line:79 and line:80

1. Testing

* Tests are written but in main function
* This file needs to have separate test case file that follows PyUnit guidelines
* Missing test cases where functions could fail

Summary

Overall, the code is missing a lot of coding guidelines. A formal and comprehensive testing is also missing. The code seems to work; comments are too detailed which makes the code easy to follow, however there are few places where it is completely unnecessary and hence, it makes the code appear cluttered.