POSSIBILITIES OF DISPLAYING MOVING IMAGES IN HTML5 INCLUDING THE LIMITATIONS WHEN COMPARED TO ADOBE FLASH AND OTHER METHODS

BACHELOR THESIS

FABRICE FEUGANG KEMEGNI

MATRICULATION: 671704

APPLIED COMPUTER SCIENCE B.SC.

HOCHSCHULE WORMS

FINDINGS

1. Methods of embedding videos
2. Adobe Flash
3. HTML5
4. Trends
5. Problems encountered
6. Conclusion

METHODS OF EMBEDDING VIDEOS

1. Youtube

2. Facebook

3. HTML Embed Tag

4. WMP, Quicktime Player

5. Adobe Flash

6. HTML5

ADOBE FLASH

- Adobe Flash Platform (.swf files)

- Flash is shutting down by 2020 (enough time to adapt)

REASONS WHY FLASH IS CLOSING DOWN

1. Instability
2. Performance
3. Security

INSTABILITY

- Browsers
  - Crash
  - Freeze

PERFORMANCE ISSUES

SECURITY ISSUES

- Software Attacks

HTML5

- What is HTML5
- Displaying Moving Pictures with HTML5
- Limitations of HTML5

HTML5 LIMITATIONS

- Security (Developers tool)

- Restricted Animations (solved using videos)

TRENDS

- Google chrome has officially decided to replaced Adobe Flash with HTML5 by January 2017.

- Adobe is planning to end the life of Flash in 2020

PROBLEMS ENCOUNTERED

1. Failure to document references right from the beginning

2. Confusing Referencing Styles

    1. Harvard Method
    2. APA Style (American Psychological Association)
    3. Institute for Electronics and Electrical Engineering)

3. Image Sourcing

4. Controversy of the topic (Adobe is shutting down)

5. Stress

CONCLUSIONS

- Importance of learning a scientific paper
- Citing other people

QUESTIONS

Thank you.