TEXT-BASED VIDEO BLOGGING
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**INTRODUCTION**

- Ordinary users can easily publish content using blogs.
- This publishing style is becoming more advanced.
  - Photologs (Photograph)
  - Podcasts (Audio)
  - Video blogs (Video)
- The more advanced media becomes, the larger the logistical gap becomes between that and text-based blogging.
- Because advanced media is difficult to produce for users.

**THE GOAL AND SOLUTIONS**

- The easy production and distribution of video blogging so that it is as easy as text-based blogging.
- Program production based on script descriptions using web-browsers.
- Dividing programs into script and program direction using style sheets.
- Movie rendering and encoding on the server side.
- Program distribution using RSS feeds.

**PROGRAM PRODUCTION BASED ON SCRIPT DESCRIPTIONS**

- TV Creator is a browser-based script editing tool.
- Users write a script, and insert some materials on the TV Creator.
- Program direction is determined by selecting a direction style sheet called APE (Automatic Production Engine).
- TV Creator puts out the script in XML format.

**DIRECTION STYLE SHEET: APE**

- XML script and APE are converted to TVML (TV program Making Language) script.
- APE produces the theme of the program and controls the visuals and sets of the program.
- TVML is a computer language that describes the TV programs for the player.
- TVML Player reads the TVML script and plays the TV program using computer graphics and a voice synthesizer.

**CONCLUSIONS**

- This system makes it extremely easy to create and distribute video programs.
- The production process is as easy as text-based blogging.
- No special software is needed for production and viewing.
- Viewers can access the video contents using various devices.

**FUTURE WORK**

- Load distribution of movie rendering and encoding.
- How to make wide variety of APEs.