



FACULDADE · DE · CIÊNCIAS UNIVERSIDADE · DE · LISBOA

Informatics Department, University of Lisbon

Multimedia Enriched Digital Books

LaSIGE

Large-Scale Informatics Systems Laboratory

Carlos Teixeira

**BooksOnline'08
Workshop**

Napa Valley,

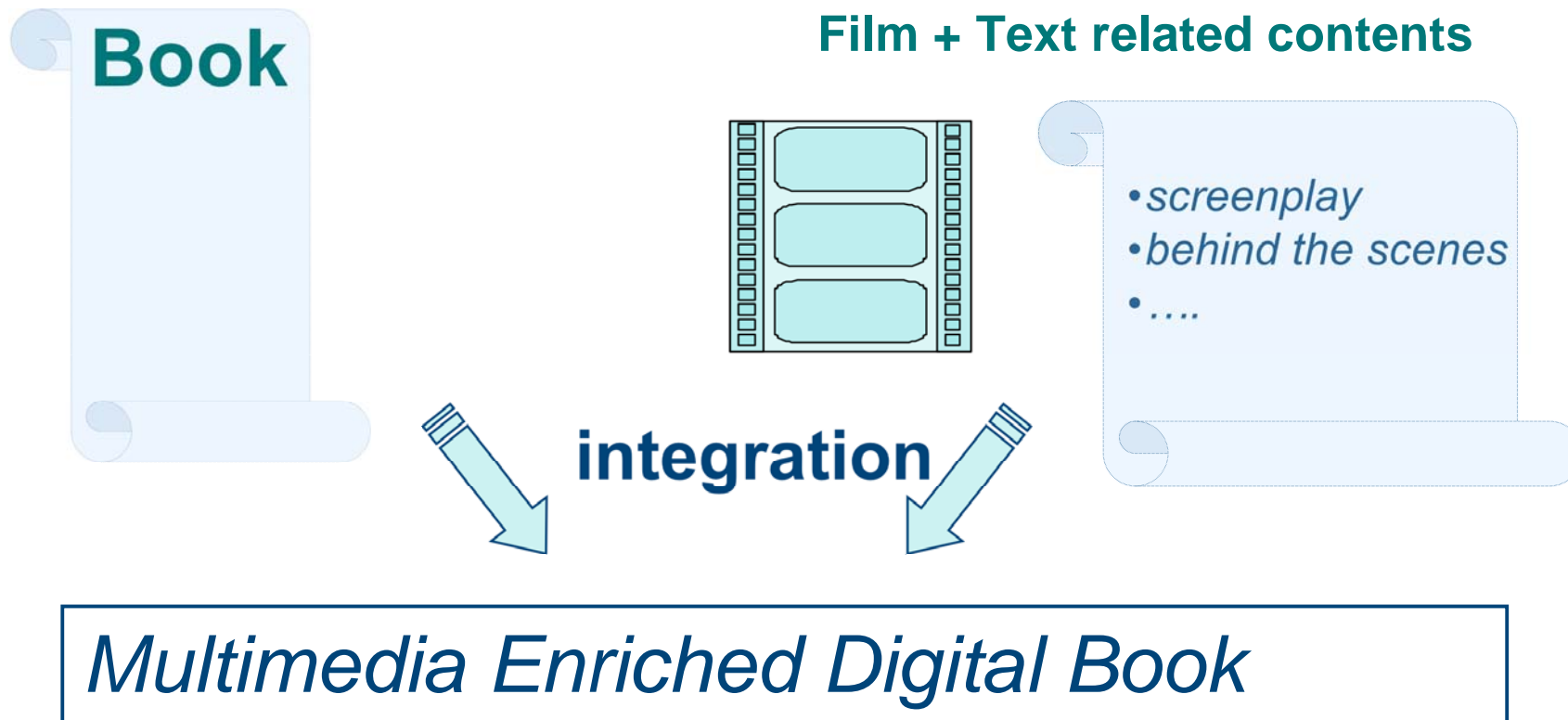
October 30, 2008



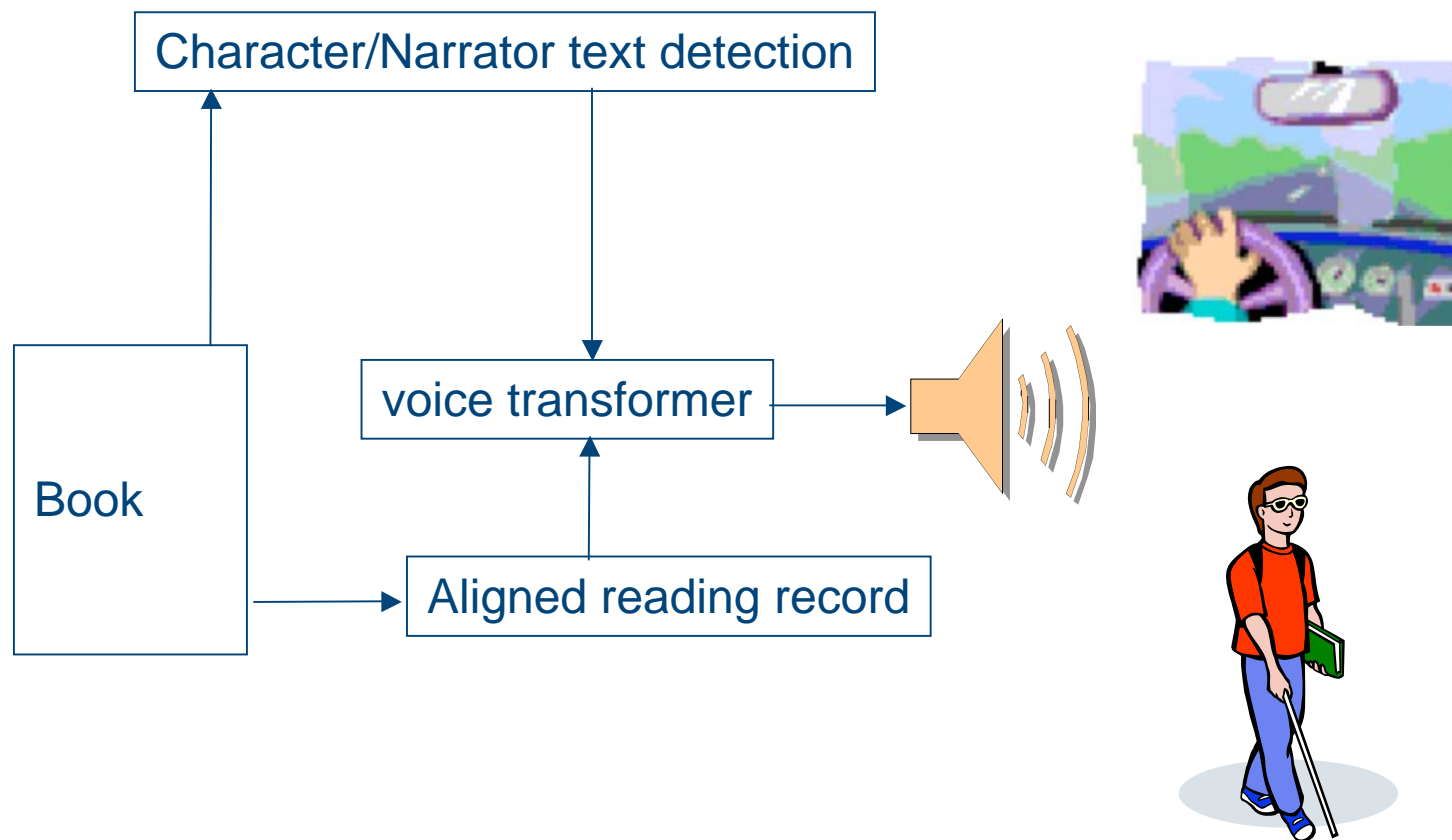
Motivation

- Integrated multimedia access to book related contents, such as films.
- Audio: production of Digital Talking Books using actor's voices.
- Image: production of illustrations for books.
- Video: evaluate new reading e-learning paradigms.

Context

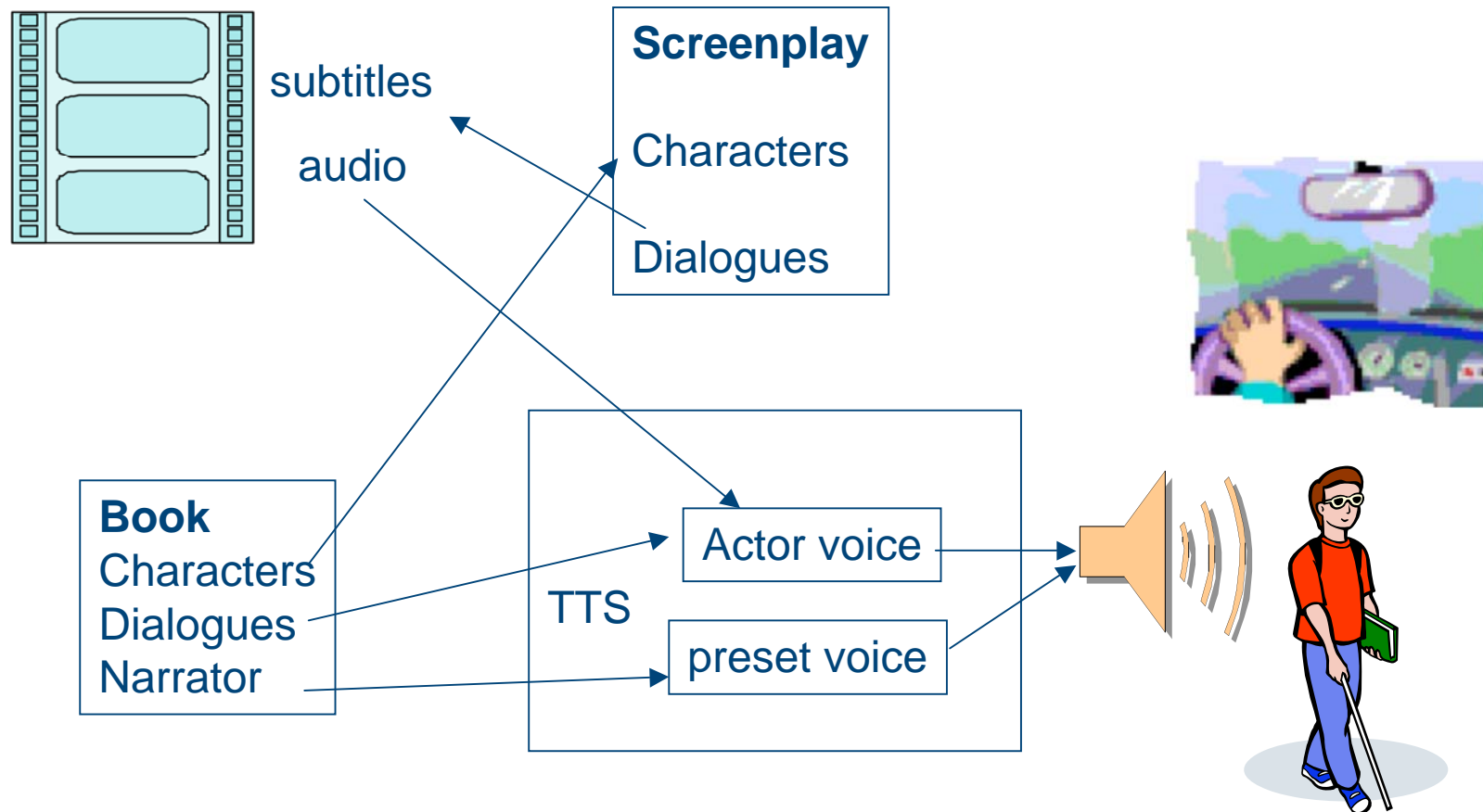


Voice transformation for Audio Books



Using actor voices for Audio Books

Film



Book

Little red-cap raised her eyes, and when she saw the sunbeams dancing here and there through the

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take grandmother a fresh nosegay. That would please her too. It is so early in the day that I shall still get there in good time. And so she ran

...

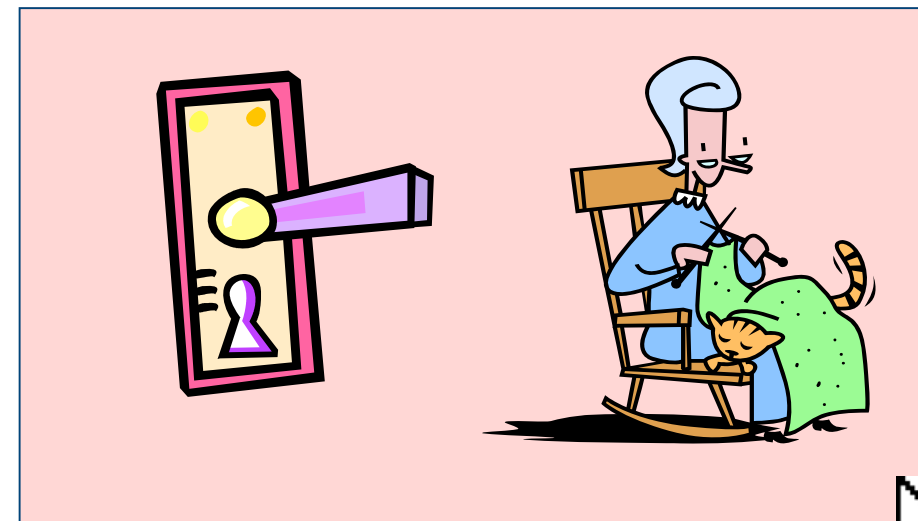
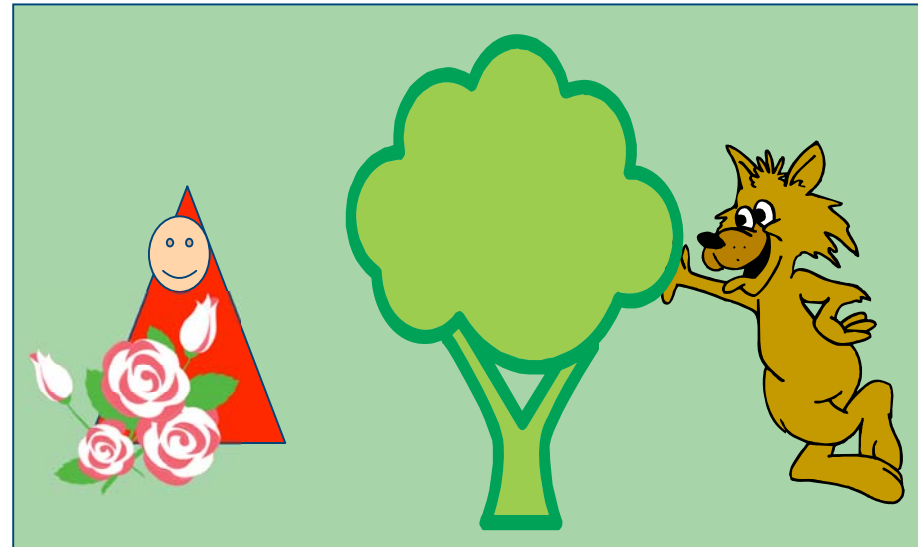
picked one, she fancied that she saw a still prettier one farther on, and ran after it, and so got deeper and deeper into the wood.

Meanwhile the wolf ran straight to the grandmother's house and knocked at the door.

"Who is there?"

"Little red-cap," replied the wolf. "She is bringing cake and wine. Open the door."

Images



Book

And so she ran from the path into the wood to look for flowers. And whenever she had picked one, she

...

so got deeper and deeper into the wood.

Meanwhile the wolf ran straight to the grandmother's house and knocked at the door.

"Who is there?"

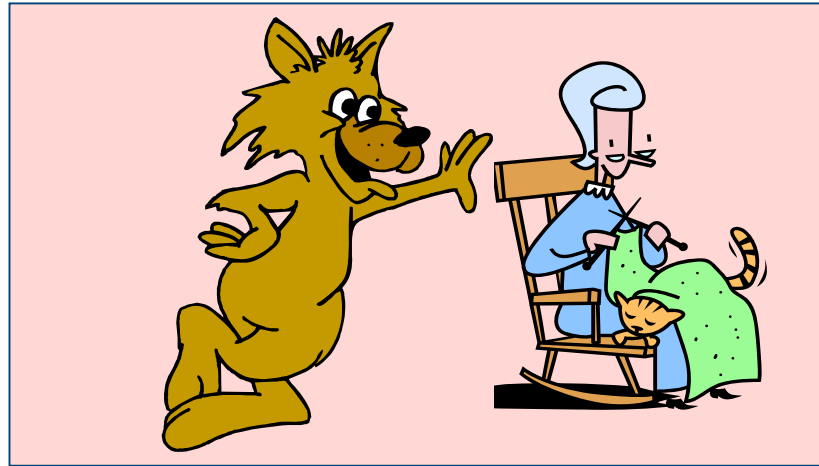
"Little red-cap," replied the wolf.

"She is bringing cake and wine. Open the door."

...

The wolf lifted the latch, the door sprang open, and without saying a word he went straight to the grandmother's bed, and

Film



Screenplay

Little red-cap pick flowers walking into the wood.

5 INT. GRANDMOTHER'S HOUSE – DAY (LATER)
Grandmother sits in a rocking chair. Someone is knocking the door

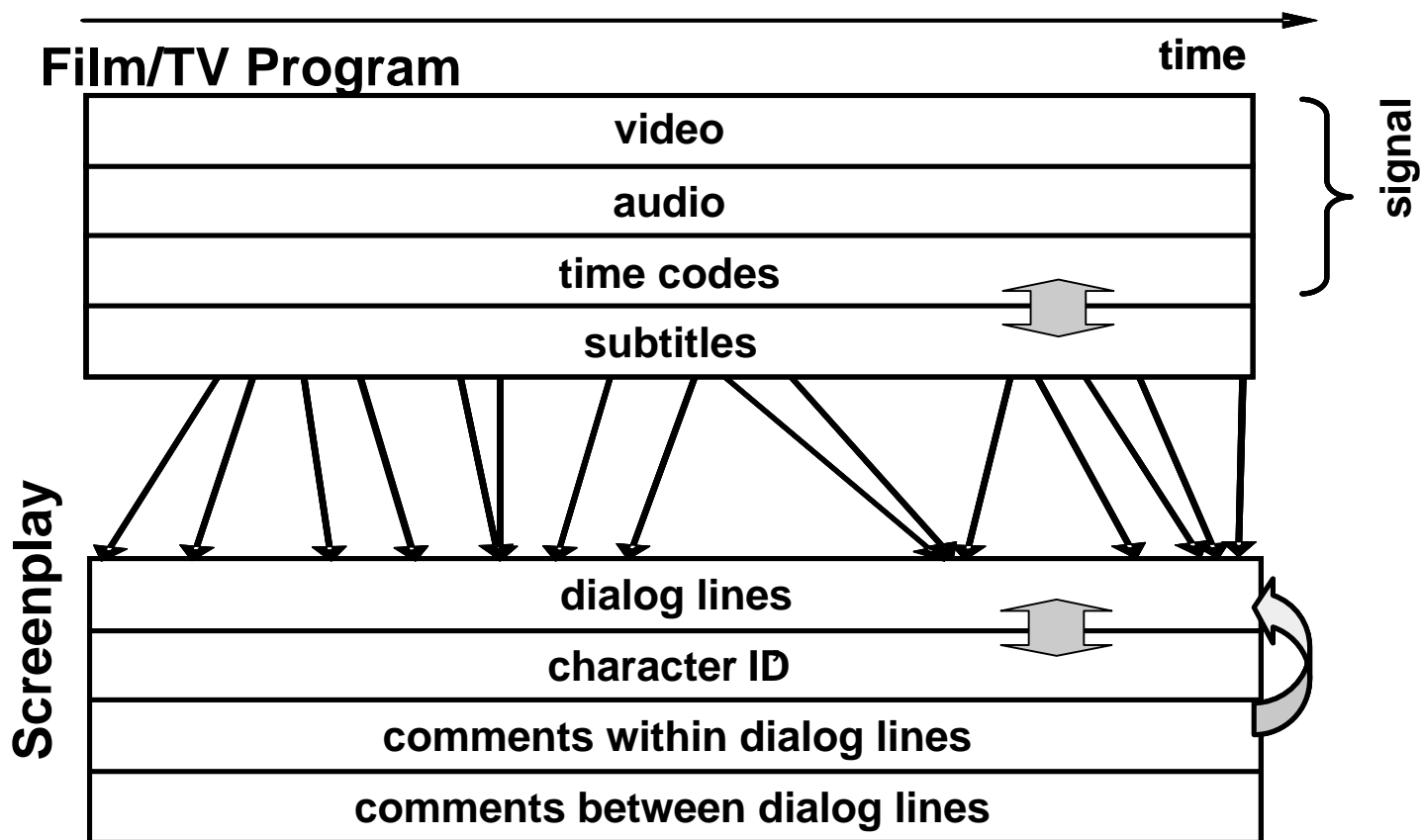
GRANDMOTHER
Who is there?

WOLF
Little red-cap, She is bringing cake and wine. Open the door!

GRANDMOTHER
Lift the latch! I am too weak, and cannot get up.

Wolf lift the latch, goes in and ...

Film and its screenplay





More details about film alignment

"See, Hear or Read the Film", Teixeira, C. and Respício, A., In Ma, L., Rauterberg, M., Nakatsu, R., (Eds.): Entertainment Computing - ICEC 2007, Proc. of the 6th Int. Conf. on Entertainment Computing, Lecture Notes in Computer Science, 4740, Springer, 2007, pp 271-281.



Thank you

