DISTRIBUTED NARRATIVE EXTRACTION USING IMAGING SENSOR NETWORKS

AT HOME. REYNA’S STORY BEGINS.

SHE SETS UP THE STORY MODEL.

She can select from the available stories and download new ones from the web. Or she can create a new story model from scratch and share it.

The story model contains hundreds of parameters that describe the story.

She can create or modify all of these parameters.

The story model is sent to the imaging sensor network.

IMAGING SENSOR NODE (ISN).

SHE CAN TRADE VIDEOS AND STORY MODELS, BUILDING A COMMUNITY.

THIS IS A NEW FORM OF DIARY/BLOG.

MULTIPLE USERS CAN USE THE SAME MODEL AND SEE HOW THEIR VIDEOS DIFFER.

NARRATIVE STRUCTURES ARE USED AS A MEANS FOR CATALOGING LARGE AMOUNTS OF VIDEO AND SENSOR DATA.

WHY DOES SHE DO IT?

THE VIDEO CLIPS ARE COLLECTED AND SEQUENCED ACCORDING TO THE ORIGINAL STORY MODEL.

EACH DAY REYNA CAN CHECK THE VIDEO AS MORE AND MORE CLIPS ARE ADDED AND THE VIDEO BETTER FITS THE EBB AND FLOW OF THE ORIGINAL STORY.

THE FINAL VIDEO FOLLOWS THE PARAMETRIC MODEL OF THE ORIGINAL STORY BUT HAS THE PERSONALITY OF THE EVENTS AND RELATIONSHIPS OF REYNA’S LIFE.

AT WORK...

AT PLAY...

AND... ACTION!

THESE VIDEOS CAN BE SEQUENCED ACROSS NARRATIVE STRUCTURES.

THEY CAN BE COMPARED TO SEE HOW OTHER USERS CREATE THEIR VIDEOS WITH THE SAME MODEL.

NEW PERSPECTIVE ON THE EVERYDAY HELPS UNDERSTAND OUR EXPERIENCES.

WHEN THE VIDEOS ARE FINALIZED, THEY CAN BE COMPILED INTO A DVD OR POSTED TO A WEBSITE.

THE RESULT IS A NARRATIVE ACCOUNT OF REYNA’S LIFE.