

CLAIMS

1. A method for automatic and dynamic change of the layout design of a broadcast of media objects, the method comprising:

displaying a first set of media objects in the broadcast within a first layout, wherein said first set of media objects has a first set of dimensions and types;

receiving a request to change the first set of media objects to a second set of media objects to be displayed in the broadcast, wherein said second set of media objects has a second set of dimensions and types that is different from said first set of dimensions and types;

selecting a second layout from among a plurality of different candidate layouts using a relational map defining correspondences between a plurality of different combinations of sets of dimensions and types and the plurality of different candidate layouts, wherein each of said plurality of different candidate layouts is predefined to display a different set of media objects having a different set of dimensions and types, wherein the second layout is predefined to display the second set of media objects selected from the relational map to correspond to the second set of dimensions and types; and

automatically and dynamically changing the layout design of the broadcast by displaying the second set of media objects in the broadcast within the second layout.

2. The method of Claim 1, wherein each of said different candidate layouts has a number of windows with dimensions and types appropriate to display that number of media objects having those dimensions and types.

3. The method of Claim 1, wherein the second set of media objects has media objects that have been added, deleted, swapped or replaced from the first set of media objects.

4. The method of Claim 3, wherein the second layout has media windows that have been added, deleted or replaced from the first layout in accordance with the media objects that have been added, deleted, swapped or replaced, respectively, in the second set of media objects from the first set of media objects.

5. The method of Claim 1, wherein the request includes a set of input media parameters defining the type and dimensions size of each additional media object to be displayed.

6. The method of Claim 1, wherein the second layout is selected using a map defining correspondences between layouts and media objects.

7. The method of Claim 1, wherein the request includes a set of input media parameters defining a predefined media group of each additional media object to be displayed.

8. The method of Claim 1, wherein the second layout is selected using a map defining correspondences between layouts and media groups.
9. The method of Claim 1, wherein the displayed layout is switched from the first layout to the second layout in real-time.
10. The method of Claim 1, wherein the broadcast is an Internet broadcast.
11. A system for automatic and dynamic change of the layout design of a broadcast of media objects, the system comprising:
- a display to display a first set of media objects in a broadcast within a first layout, wherein said first set of media objects has a first set of dimensions and types;
 - a processor to receive a request to change the first set of media objects to a second set of media objects to be displayed in the broadcast on the display, wherein said second set of media objects has a second set of dimensions and types that is different from said first set of dimensions and types;
 - a memory to store a plurality of different candidate layouts each predefined to display a different set of media objects having a different set of dimensions and types,
 - wherein the processor is configured to select a second layout from among the plurality of different candidate layouts in the memory using a relational map defining correspondences between a plurality of different combinations of sets of dimensions and types and the plurality of different candidate layouts, wherein the second layout is selected from the relational map to correspond to the second set of dimensions and types predefined to display the second set of media objects from among the plurality of different candidate layouts in the memory, and
 - wherein the display is configured to automatically and dynamically change the layout design of the broadcast by displaying display the second set of media objects in the broadcast within the second layout.
12. The system of Claim 11, wherein each of said different candidate layouts stored in the memory has a number of windows with dimensions and types appropriate to display that number of media objects having those dimensions and types.
13. The system of Claim 11, wherein the second set of media objects stored in the memory has media objects that have been added, deleted, swapped or replaced from the first set of media objects.
14. The system of Claim 13, wherein the second layout stored in the memory has media windows that have been added, deleted or replaced from the first layout in accordance with the media objects that have been added, deleted, swapped or replaced, respectively, in the second set of media objects from the first set of media objects.

15. The system of Claim 11, wherein the request includes a set of input media parameters defining the type and sizedimensions of each additional media object to be displayed.

16. The system of Claim 11, wherein the processor selects the second layout using a map defining correspondences between layouts and media objects.

17. The system of Claim 11, wherein the request includes a set of input media parameters defining a predefined media group of each additional media object to be displayed.

18. The system of Claim 11, wherein the processor selects the second layout using a map defining correspondences between layouts and media groups.

19. The system of Claim 11, wherein the processor switches the displayed layout from the first layout to the second layout in real-time.

20. The system of Claim 11, wherein the broadcast is an Internet broadcast.