What is Claimed is:

1. A method performed by at least one processor of a workflow manager of a media system, the method comprising:

obtaining a first network based media processing (NBMP) workflow description document (WDD);

creating a first workflow corresponding to the first NBMP WDD;

managing at least one media processing entity (MPE) according to the first workflow;

obtaining an update comprising a second NBMP WDD, wherein the second NBMP WDD includes a continuity flag indicating whether a second workflow corresponding to the second NBMP WDD is a continuation of the first workflow;

creating the second workflow based on the update ~~(~~or the second NBMP WDD~~)~~; and

in response to creating the second workflow, managing the at least one MPE according to the second workflow.

2. The method of claim 1, wherein based on the continuity flag indicating that the second workflow is the continuation of the first workflow, all data corresponding to the managing of the at least one MPE according to the first workflow is maintained during the managing of the at least one MPE according to the second workflow.

3. The method of claim 1 or 2, wherein the second NBMP WDD further comprises a syntax element indicating a time for switching from the managing of the at least one MPE

according to the first workflow to the managing of the at least one MPE according to the second workflow.

4. The method of any one of claims 1-3, wherein the update is one from among a workflow update and a task update.

5. The method of any one of claims 1-4, wherein a task of the first workflow is represented by a first connection-map object in the first NBMP WDD,

wherein the first connection-map object specifies a location of the task in a connection map corresponding to the first workflow, and at least one connection to another element in the first workflow, and

wherein the first connection-map object includes a connection identifier which identifies the task.

6. The method of claim 5, wherein based on the connection identifier being included in a second connection-map object in the second NBMP WDD, the task is maintained in the second workflow.

7. The method of claim 6, wherein based on the continuity flag indicating that the second workflow is the continuation of the first workflow, all data corresponding to execution of the task in the first workflow is maintained in the second workflow.

8. A workflow manager of a media system, the workflow manager comprising:

at least one memory storing program code; and

at least one processor configured to read the program code and operate as instructed by the program code, the program code including:

first obtaining code configured to cause the at least one processor to obtain a first network based media processing (NBMP) workflow description document (WDD);

first creating code configured to cause the at least one processor to create a first workflow corresponding to the first NBMP WDD;

first managing code configured to cause the at least one processor to manage at least one media processing entity (MPE) according to the first workflow;

second obtaining code configured to cause the at least one processor to obtain an update comprising a second NBMP WDD, wherein the second NBMP WDD includes a continuity flag indicating whether a second workflow corresponding to the second NBMP WDD is a continuation of the first workflow;

second creating code configured to cause the at least one processor to create the second workflow; and

second managing code configured to cause the at least one processor to manage the at least one MPE according to the second workflow.

9. The workflow manager of claim 8, wherein based on the continuity flag indicating that the second workflow is the continuation of the first workflow, all data corresponding to the managing of the at least one MPE according to the first workflow is maintained during the managing of the at least one MPE according to the second workflow.

10. The workflow manager of claim 8 or 9, wherein the second NBMP WDD further comprises a syntax element indicating a time for switching from the managing of the at least one MPE according to the first workflow to the managing of the at least one MPE according to the second workflow.

11. The workflow manager of any one of claims 8-10, wherein the update is one from among a workflow update and a task update.

12. The workflow manager of any one of claims 8-11, wherein a task of the first workflow is represented by a first connection-map object in the first NBMP WDD,

wherein the first connection-map object specifies a location of the task in a connection map corresponding to the first workflow, and at least one connection to another element in the first workflow, and

wherein the first connection-map object includes a connection identifier which identifies the task.

13. The workflow manager of claim 12, wherein based on the connection identifier being included in a second connection-map object in the second NBMP WDD, the task is maintained in the second workflow.

14. The workflow manager of claim 13, wherein based on the continuity flag indicating that the second workflow is the continuation of the first workflow, all data corresponding to execution of the task in the first workflow is maintained in the second workflow.

15. A non-transitory computer-readable medium storing computer code that is configured to, when executed by at least one processor that implements a workflow manager of a media system, cause the at least one processor to:

obtaining a first network based media processing (NBMP) workflow description document (WDD);

creating a first workflow corresponding to the first NBMP WDD;

managing at least one media processing entity (MPE) according to the first workflow;

obtaining an update comprising a second NBMP WDD, wherein the second NBMP WDD includes a continuity flag indicating whether a second workflow corresponding to the second NBMP WDD is a continuation of the first workflow;

creating the second workflow; and

managing the at least one MPE according to the second workflow.

16. The non-transitory computer-readable medium of claim 15, wherein based on the continuity flag indicating that the second workflow is the continuation of the first workflow, all data corresponding to the managing of the at least one MPE according to the first workflow is maintained during the managing of the at least one MPE according to the second workflow.

17. The non-transitory computer-readable medium of claim 15 or 16, wherein the second NBMP WDD further comprises a syntax element indicating a time for switching from the managing of the at least one MPE according to the first workflow to the managing of the at least one MPE according to the second workflow.

18. The non-transitory computer-readable medium of any one of claims 15-17, wherein the update is one from among a workflow update and a task update.

19. The non-transitory computer-readable medium of any one of claims 15-18, wherein a task of the first workflow is represented by a first connection-map object in the first NBMP WDD,

wherein the first connection-map object specifies a location of the task in a connection map corresponding to the first workflow, and at least one connection to another element in the first workflow, and

wherein the first connection-map object includes a connection identifier which identifies the task.

20. The non-transitory computer-readable medium of claim 19, wherein based on the connection identifier being included in a second connection-map object in the second NBMP WDD, the task is maintained in the second workflow, and

wherein based on the continuity flag indicating that the second workflow is the continuation of the first workflow, all data corresponding to execution of the task in the first workflow is maintained in the second workflow.