

Claims:

1. A computer-implemented method for determining a workflow for a product development process, comprising:

acquiring a workflow for a product development process, wherein the workflow comprises a plurality of flow nodes;

detecting whether an operation on at least one of the plurality of flow nodes is a preset operation, and updating the workflow when the operation is determined as the preset operation; and

triggering a target control, using the updated workflow as a target workflow, and storing the target workflow as a template;

wherein detecting whether the operation on the at least one of the plurality of flow nodes is the preset operation, and updating the workflow when the operation is determined as the preset operation comprises:

detecting whether association role information or visual node information in node attribute information corresponding to a current flow node is modified, and determining a to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified; and

deleting the to-be-deleted flow node of the workflow to update the workflow;

wherein the visual node information is information about visible flow nodes.

2. The method according to claim 1, wherein acquiring the workflow comprises:

determining the workflow from a plurality of to-be-selected workflows according to a preset configuration field.

3. The method according to claim 1, wherein detecting whether the operation on the at least one flow node is the preset operation, and updating the workflow when the operation is determined as the preset operation comprises:

detecting whether a trigger operation on a current flow node of the plurality of flow nodes is a delete operation, and deleting the current flow node and updating the workflow when the trigger operation is determined as the delete operation.

4. The method according to claim 1, wherein detecting whether the association role information or the visual node information in the node attribute information corresponding to the current flow node is modified, and determining the to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified comprises:

detecting whether the association role information in the node attribute information is deleted, and determining the to-be-deleted flow node associated with the deleted association role information when the association role information in the node attribute information is deleted; or

detecting whether content corresponding to the visual node information in the node attribute information is deleted, and determining the to-be-deleted flow node associated with the deleted content when the content is deleted.

5. The method according to claim 1, wherein determining the to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified comprises:

using the current flow node as a master node, searching downward from the plurality of flow nodes for a flow node dependent on the master node, and using the flow node as the to-be-deleted flow node.

6. An electronic device, comprising:

one or more processors; and

a storage apparatus configured to store one or more programs,

wherein when executed by the one or more processors, the one or more programs cause the one or more processors to perform:

acquiring a workflow for a product development process, wherein the workflow comprises a plurality of flow nodes;

detecting whether an operation on at least one of the plurality of flow nodes is a preset operation, and updating the workflow when the operation is determined as the preset operation; and

triggering a target control, using the updated workflow as a target workflow, and storing the target workflow as a template;

wherein detecting whether the operation on the at least one of the plurality of flow nodes is the preset operation, and updating the workflow when the operation is determined as the preset

operation comprises:

detecting whether association role information or visual node information in node attribute information corresponding to a current flow node is modified, and determining a to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified; and

deleting the to-be-deleted flow node of the workflow to update the workflow;
wherein the visual node information is information about visible flow nodes.

7. The electronic device according to claim 6, wherein the one or more programs cause the one or more processors to perform acquiring the workflow by:

determining the workflow from a plurality of to-be-selected workflows according to a preset configuration field.

8. The electronic device according to claim 6, wherein the one or more programs cause the one or more processors to perform, detecting whether the operation on the at least one flow node is the preset operation, and updating the workflow when the operation is determined as the preset operation by:

detecting whether a trigger operation on a current flow node of the plurality of flow nodes is a delete operation, and deleting the current flow node and updating the workflow when the trigger operation is determined as the delete operation.

9. The electronic device according to claim 6, wherein the one or more programs cause the one or more processors to perform, detecting whether the association role information or the visual node information in the node attribute information corresponding to the current flow node is modified, and determining the to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified by:

detecting whether the association role information in the node attribute information is deleted, and determining the to-be-deleted flow node associated with the deleted association role information when the association role information in the node attribute information is deleted; or

detecting whether content corresponding to the visual node information in the node attribute information is deleted, and determining the to-be-deleted flow node associated with the deleted content when the content is deleted.

10. The electronic device according to claim 6, wherein the one or more programs cause the one or more processors to perform determining the to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified by:

using the current flow node as a master node, searching downward from the plurality of flow nodes for a flow node dependent on the master node, and using the flow node as the to-be-deleted flow node.

11. A non-transitory storage medium comprising computer-executable instructions that, when executed by a computer processor, cause the computer processor to perform:

acquiring a workflow for a product development process, wherein the workflow comprises a plurality of flow nodes;

detecting whether an operation on at least one of the plurality of flow nodes is a preset operation, and updating the workflow when the operation is determined as the preset operation; and

triggering a target control, using the updated workflow as a –target workflow, and storing the target workflow as a template;

wherein detecting whether the operation on the at least one of the plurality of flow nodes is the preset operation, and updating the workflow when the operation is determined as the preset operation comprises:

detecting whether association role information or visual node information in node attribute information corresponding to a current flow node is modified, and determining a to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified; and

deleting the to-be-deleted flow node of the workflow to update the workflow;

wherein the visual node information is information about visible flow nodes.

12. The storage medium according to claim 11, wherein the computer-executable instructions, when executed by the computer processor, cause the computer processor to perform acquiring the workflow by:

determining the workflow from a plurality of to-be-selected workflows according to a preset configuration field.

13. The storage medium according to claim 11, wherein the computer-executable instructions, when executed by the computer processor, cause the computer processor to perform, detecting whether the operation on the at least one flow node is the preset operation, and updating the workflow when the operation is determined as the preset operation by:

detecting whether a trigger operation on a current flow node of the plurality of flow nodes is a delete operation, and deleting the current flow node and updating the workflow when the trigger operation is determined as the delete operation.

14. The storage medium according to claim 11, wherein the computer-executable instructions, when executed by the computer processor, cause the computer processor to perform, detecting whether the association role information or the visual node information in the node attribute information corresponding to the current flow node is modified, and determining the to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified by:

detecting whether the association role information in the node attribute information is deleted, and determining the to-be-deleted flow node associated with the deleted association role information when the association role information in the node attribute information is deleted; or

detecting whether content corresponding to the visual node information in the node attribute information is deleted, and determining the to-be-deleted flow node associated with the deleted content when the content is deleted.

15. The storage medium according to claim 11, wherein the computer-executable instructions, when executed by the computer processor, cause the computer processor to perform determining the to-be-deleted flow node associated with the modified association role information or modified visual node information when the association role information or visual node information is determined to be modified by:

using the current flow node as a master node, searching downward from the plurality of flow nodes for a flow node dependent on the master node, and using the flow node as the to-be-deleted flow node.