

In Short, SCM tool is required to control, efficiently manage and version of code produced at every stage as shown above.

4. DISCUSSION AND CONCLUSION

As we have seen how different automation tools can manage the source code during DevOps lifecycle can accelerate the delivery process up to a great extent. Coding stage of the software development life cycle includes different code segments written by different developers. Hence it becomes utmost important to manage the complete code at a single place and make it available to all at the same time. Source Code Management tools are the best option for this task. There exist lots of management tools with their respective pros and cons. This research paper discusses the need and terminology for this management.

This paper also suggests the depiction of source code generated at each stage of DevOps life cycle. This depiction will not only manage the source code of the developed software efficiently but also improves the delivery time dramatically.

Also an analysis of the impact of using other tools may be carried out as a part of further research. This review will be used to design and follow the right set of automation tools to manage the source code during the software development according to particular system requirements.

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