

## Software lifecycle and writing of scientific codes

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## Has software a life?

- ▶ Early stage - The Dreaming Phase



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- ▶ Burial - The Archives Retirement



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- ▶ The available hardware and system software seems infinitely powerful
- ▶ The developers are few and enthusiast and friendly
- ▶ All the world cheers for the project and wishes good luck
- ▶ The documentation is far ahead the coding status



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- ▶ Documentation is well behind the implemented code



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- ▶ Most of the original developers go to face new challenges
- ▶ New features are added but nobody dares to alter the core
- ▶ New users finally manage to get the documentation right



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- ▶ The language the code was written in is long obsoleted



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- ▶ The code usage in the past years granted an aura of respect
- ▶ A public software archive hosts the code, now freely available under public domain or free software license



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- ▶ A new release is planned and tagged
- ▶ The release announce is given and the new packaged version can be downloaded from the site



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- ▶ The Forge Site





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