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# Pipeline Architectures

Software Architecture

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## 1 Brief

This week we are looking into architectures which follow the pipeline architectural style. Specifically, this week we will:

1. Cover the basic concepts of a pipeline architecture.
2. Explore a few interesting aspects of the way the Bourne Again Shell (bash) is implemented and why it is suitable for the pipeline style.
3. Briefly look at one of the primary modern applications of the pipeline style, MapReduce.
4. Explore how the traditional pipeline architecture of a compiler has evolved.