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[illegible]

The diagram illustrates the process of a compiler generating code for a loop. It shows a sequence of steps:

- Initial code: `for (i = 0; i < 10; i++) { ... }`
- Code transformation: `for (i = 0; i < 10; i++) { ... }` becomes `for (i = 0; i < 10; i++) { ... }`
- Final code: `for (i = 0; i < 10; i++) { ... }` becomes `for (i = 0; i < 10; i++) { ... }`

[illegible][illegible][illegible]

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Diagram illustrating the structure of a 1000-bit message. The message is divided into four segments: a 100-bit segment, an API segment (100 bits), a 700-bit segment, and another API segment (100 bits). The segments are represented by boxes of varying lengths, with the API segments being shorter than the data segments.

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ERP

- [12 boxes]
- [10 boxes]
- [8 boxes]
- [5 boxes]

[25 boxes]

[10 boxes]

[25 boxes]

[8 boxes]

[10 solid red boxes]

[4 boxes]

- [15 red boxes] _____
- [15 red boxes] _____
- [12 red boxes] _____
- [15 red boxes] _____

[25 blue boxes]

[8 blue boxes] [6 red boxes] _____