"Dependencies"

The man comes, the men come.
The old man comes, etc.
The woman sings, the women sing.
The woman really sings, the women really sing.
The woman really really sings, the women really really sing.

These languages are all finite state. Some have dependencies spanning an unlimited number of symbols.

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aa bb abba baab aaba aabba

etc.

This language is not finite state. The dependencies are unbounded and "nested" inside a dependency:

ab aabbb aababbb aabababbb etc.

This language has the same abstract property as the preceding one. Both languages are context-free.

This language is obviously not finite state. It is not even context free. Context-free grammars are great at nested dependencies, but can't handle cross-serial time.

aa bb abab baba aaba aabab aababbb