

# DWA\_01.3 Knowledge Check\_DWA1

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1. Why is it important to manage complexity in Software?

Managing complexity is important for code and project management over the long run. It makes it much easier to solve any future or current issues in the code.

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2. What are the factors that create complexity in Software?

Improper structuring of the code, resulting in a lot of technical debt.

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3. What are ways in which complexity can be managed in JavaScript?

Using the proper style guides and documentation.

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4. Are there implications of not managing complexity on a small scale?

Delivery of a subpar final product, stopping production, not meeting client expectations, and of course the cost of production.

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5. List a couple of codified style guide rules, and explain them in detail.

Airbnb JavaScript Style guide and JS standard style guide.

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6. To date, what bug has taken you the longest to fix - why did it take so long?

In IWA9 I submitted work with a console full of errors, only to find out that I had missed a comma in separating lines in my object which threw everything out. A simple comma sorted everything out.

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