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. Why do we have a distinction between stateless and statefull widgets?

+First we need to understand the different between this two stateless for static widget and stateful widget. And the benefit of distinction this widgets why do not we use stateful for the all widget.

1. The memory usage when we use stateful we need to store state while stateless no need. So imagine if that widget no need to change and we use the memory for no reason it is the waste.
2. More complex we need to handle the state and setState()
3. Low perform the app slow because it need to manage the state and extra rebuild.

. When do I need use a stateless widget?

+When it is static widget that never change Ex: icons,label etc..

. When do I need use a stateful widget?

+When it is dynamic widget that need to change for user input and interact Ex: form etc...