Supervision Strategies

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In this Video, we are going to take a look at…

- Supervision strategies
- Use cases for different strategies

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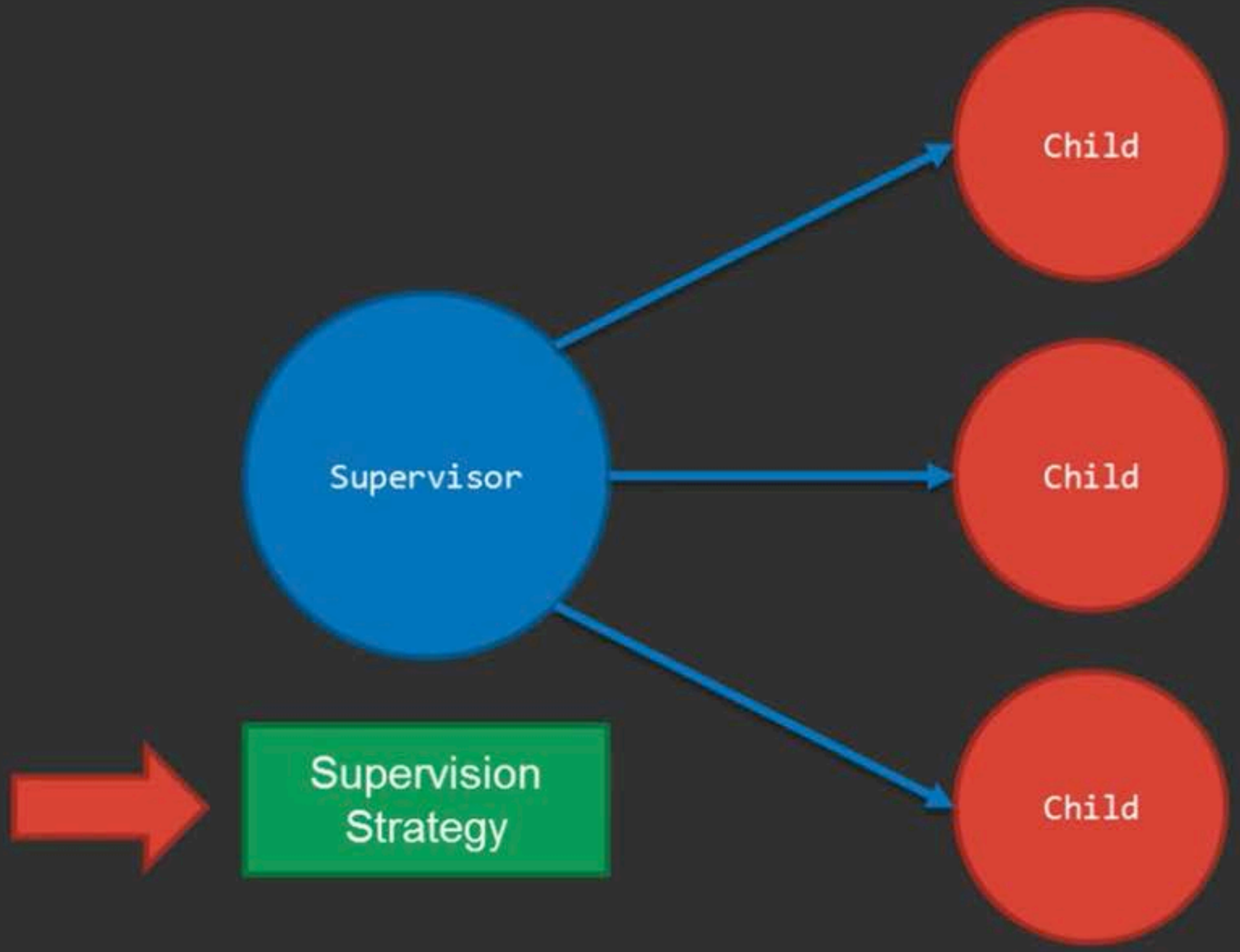

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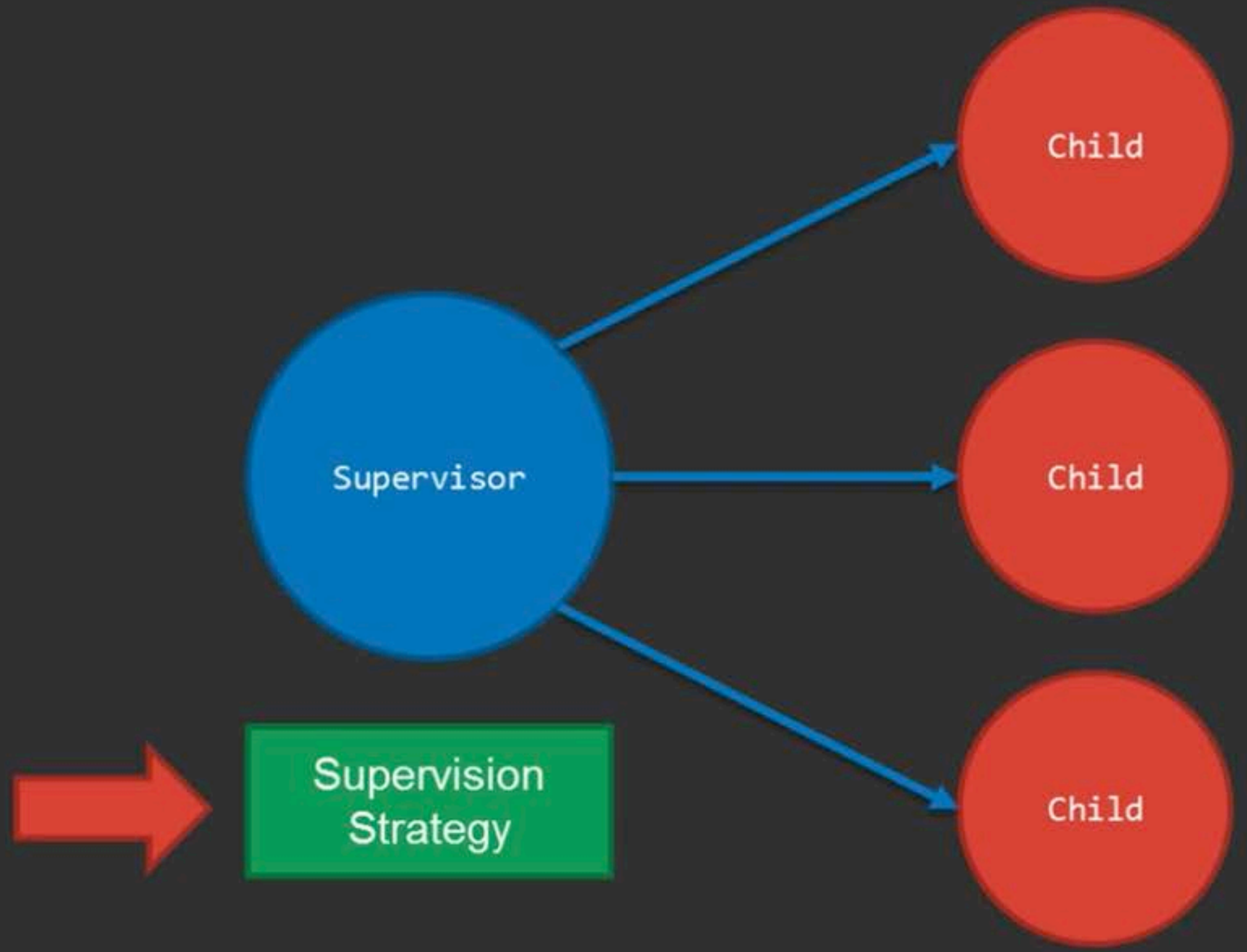

Defines how child processes are restarted in case a child fails

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Supervision Strategies

Define the way in which child processes are restarted in case a child fails.

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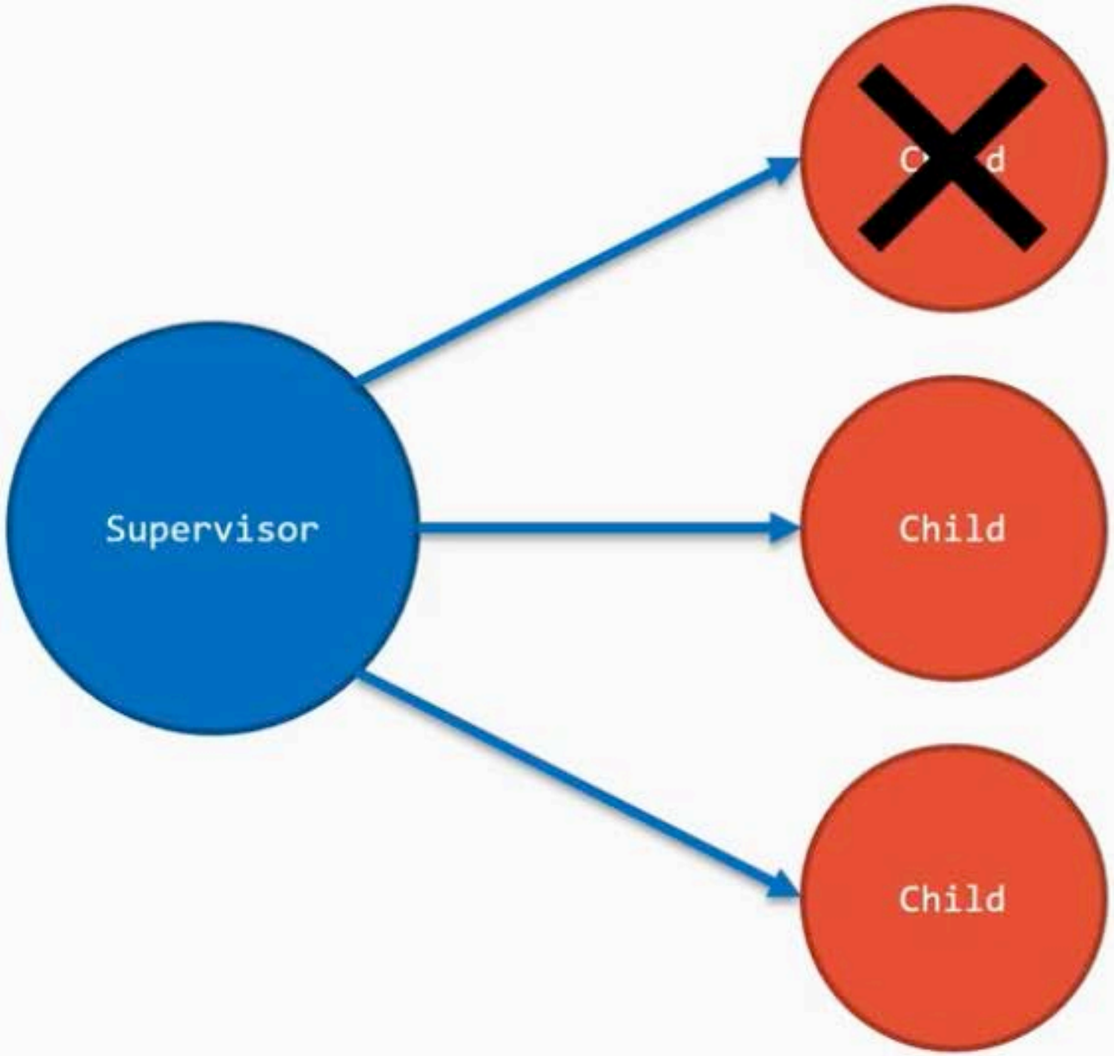
One for One

If a process dies, only that process is restarted.



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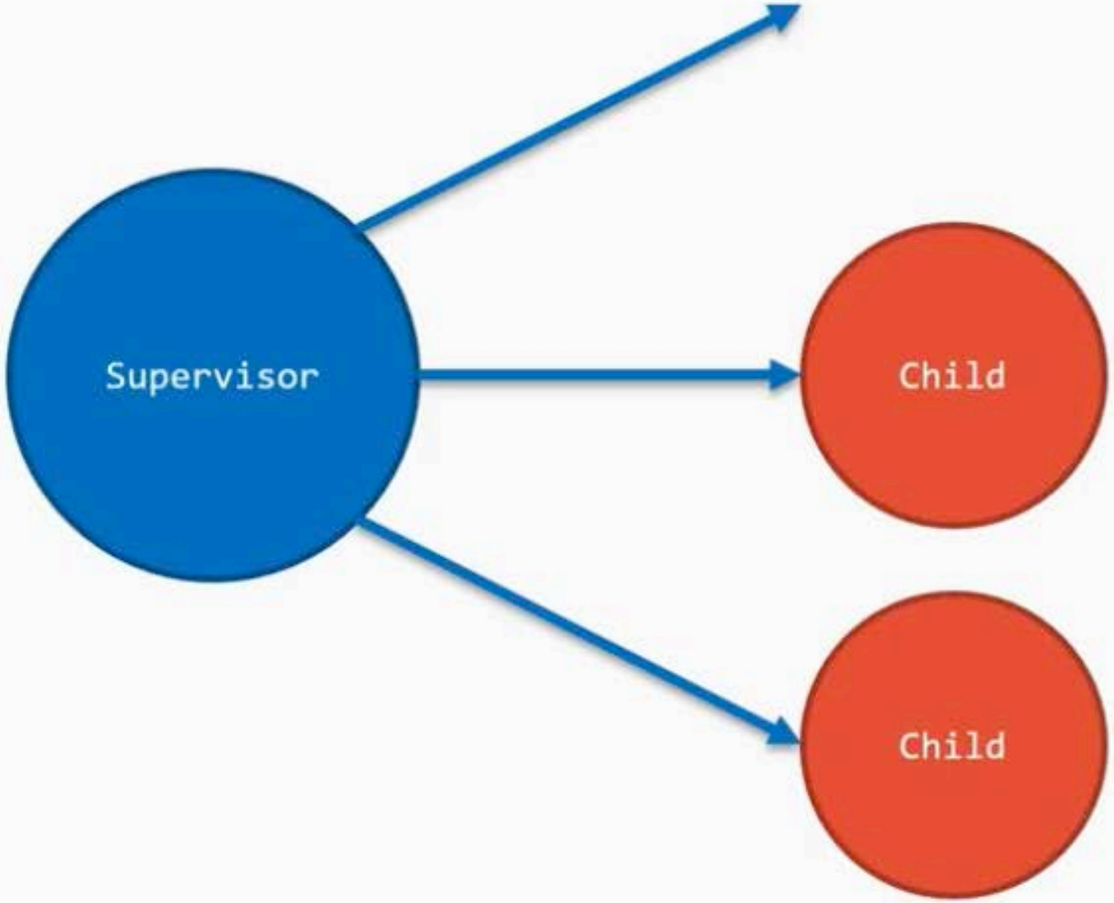

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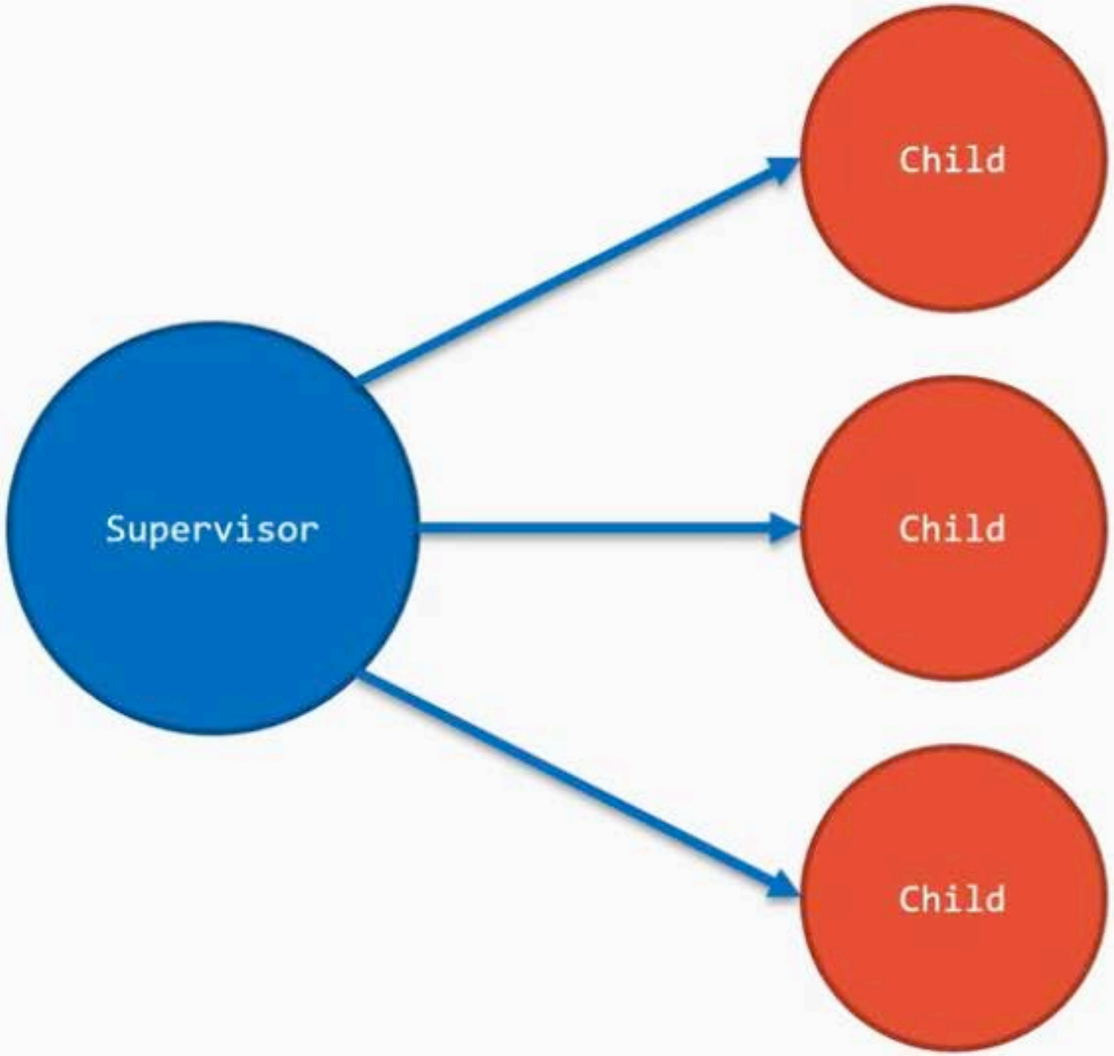

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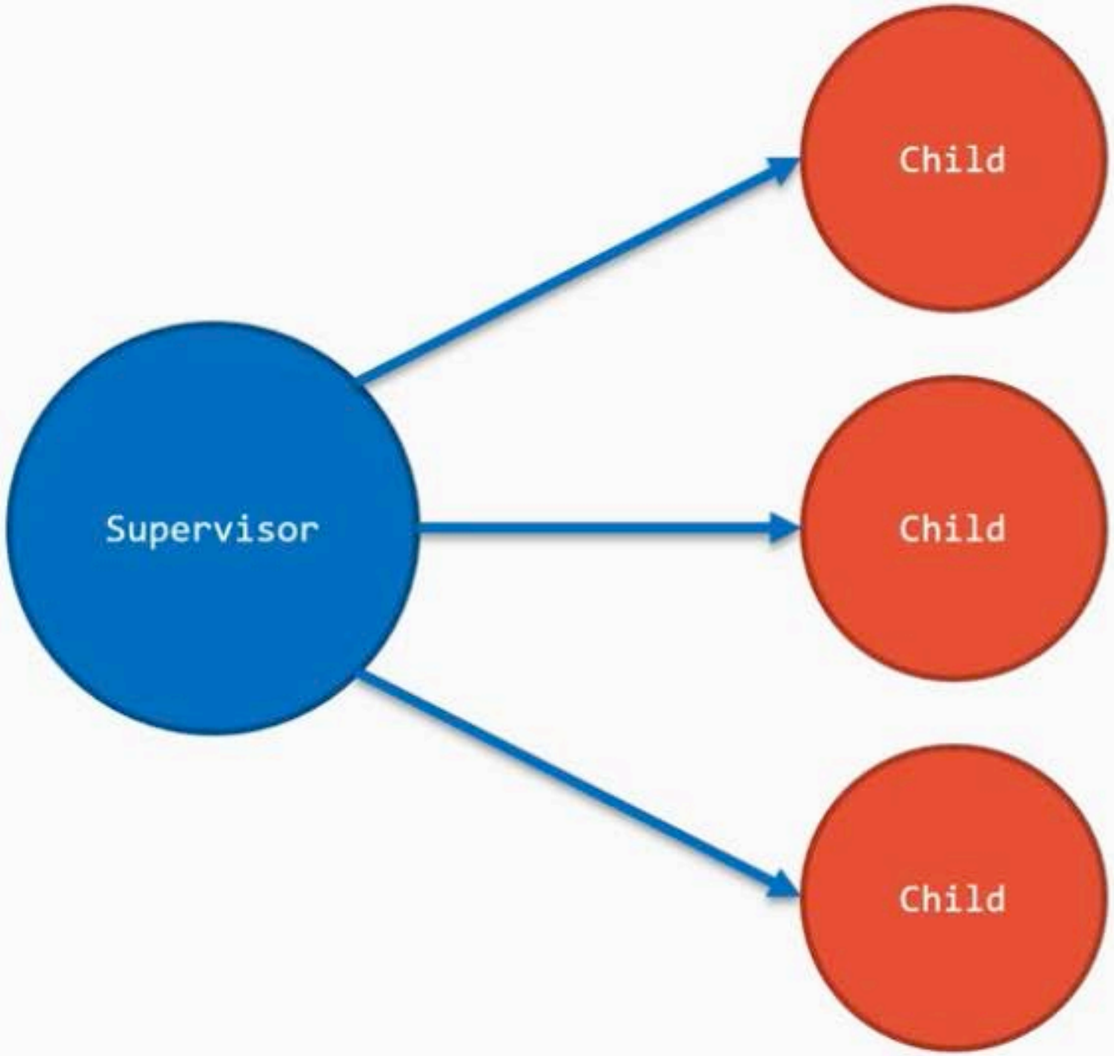
One for All

If a process dies, all other processes die as well and all are restarted.



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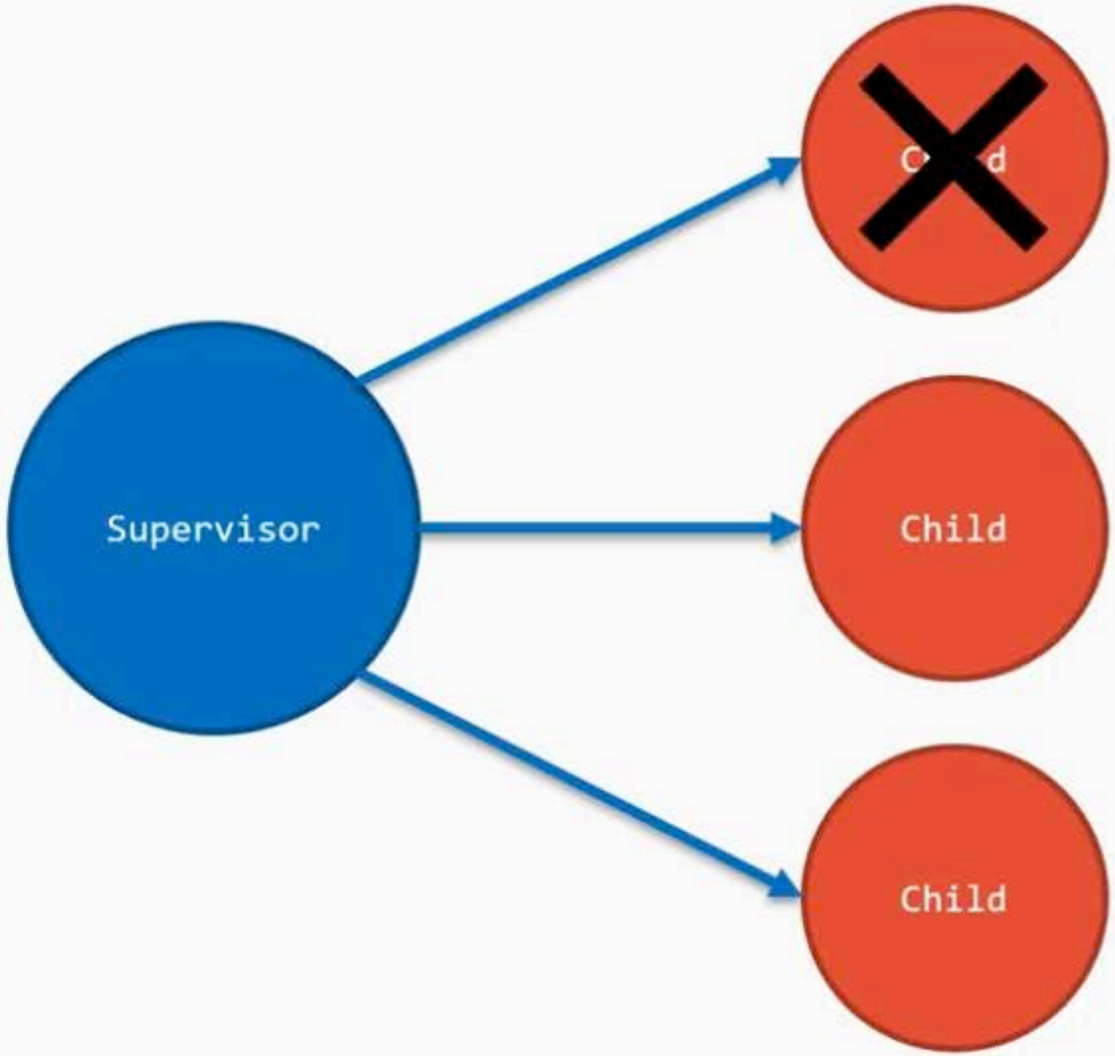

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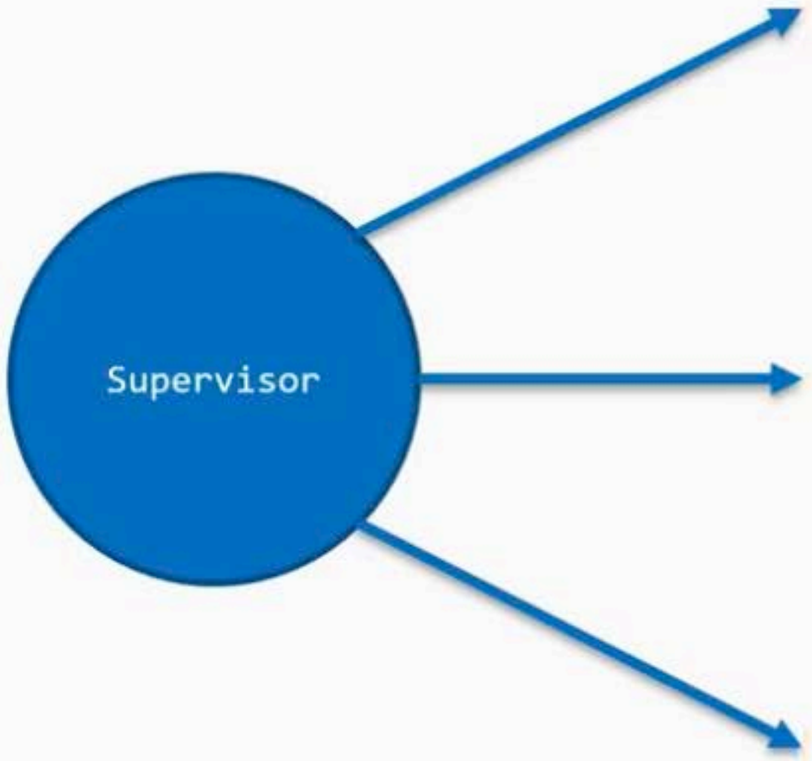

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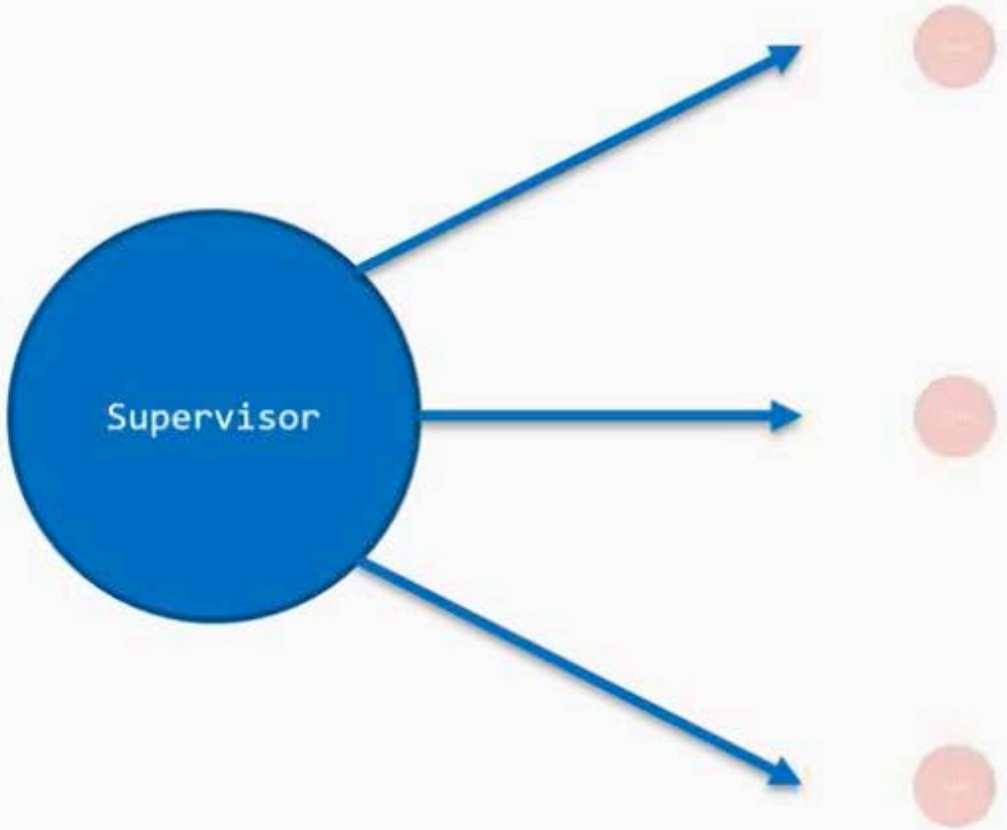

One for All

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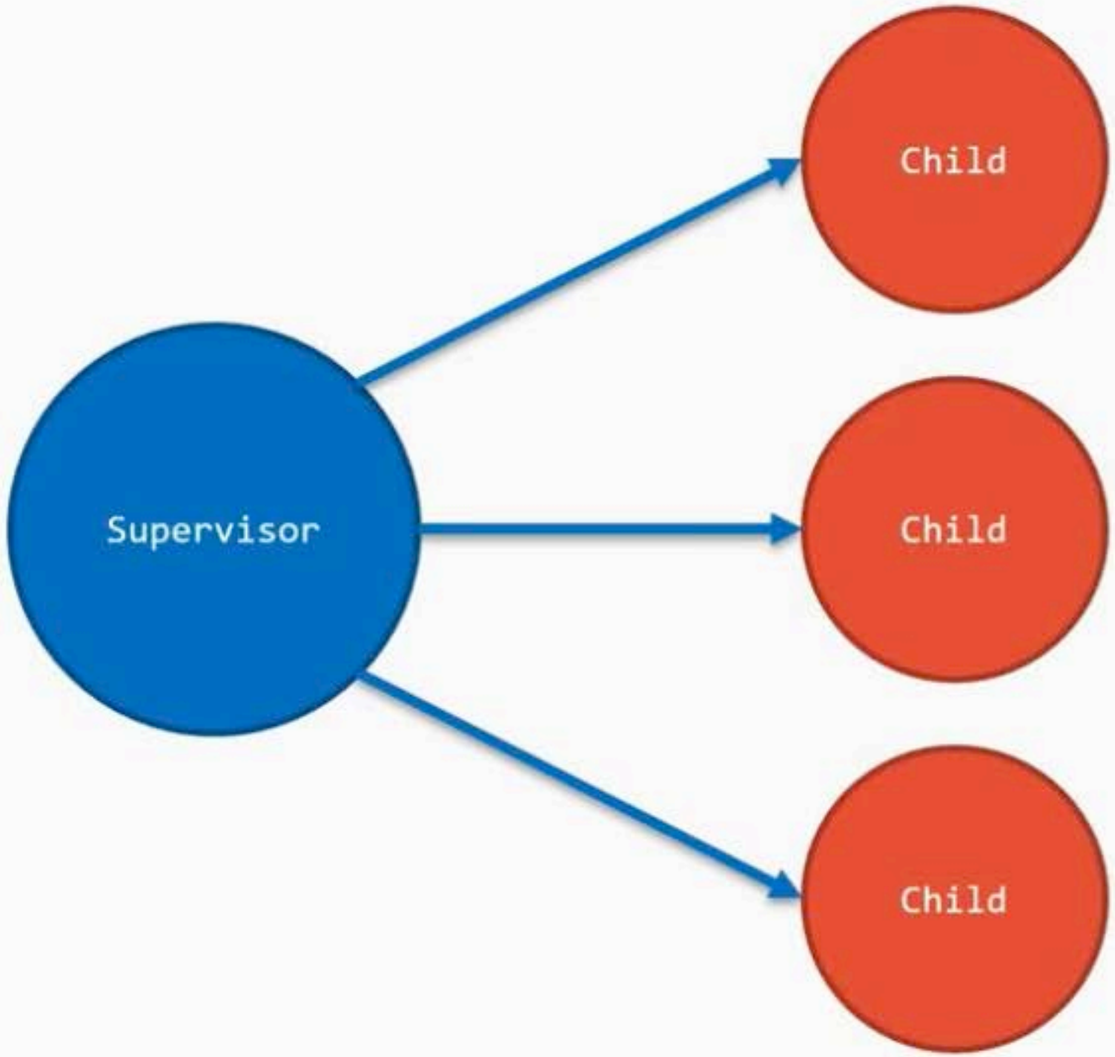
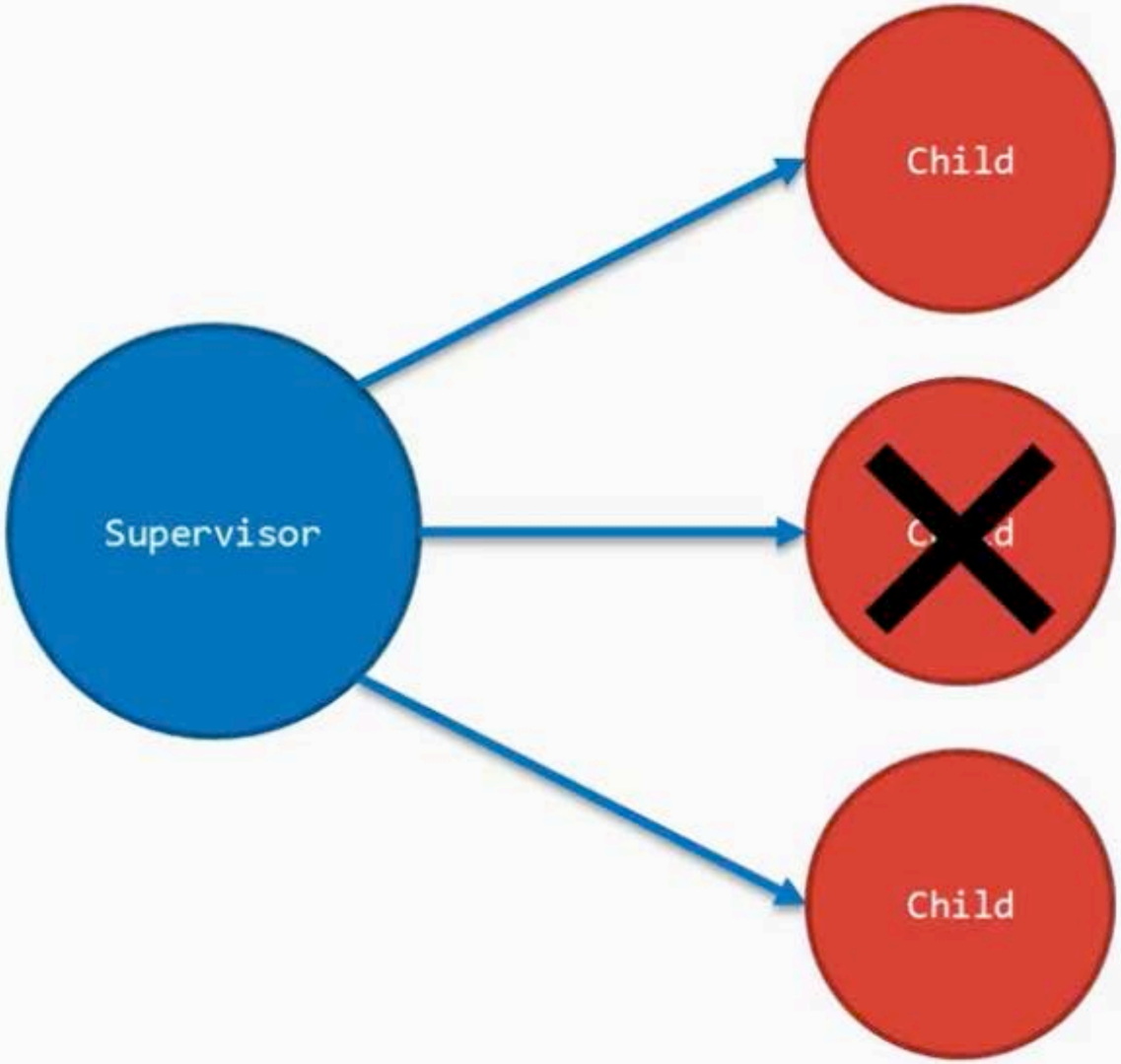


Rest for One

If a process dies, all processes started after that one die as well. Afterwards terminated processes are restarted.



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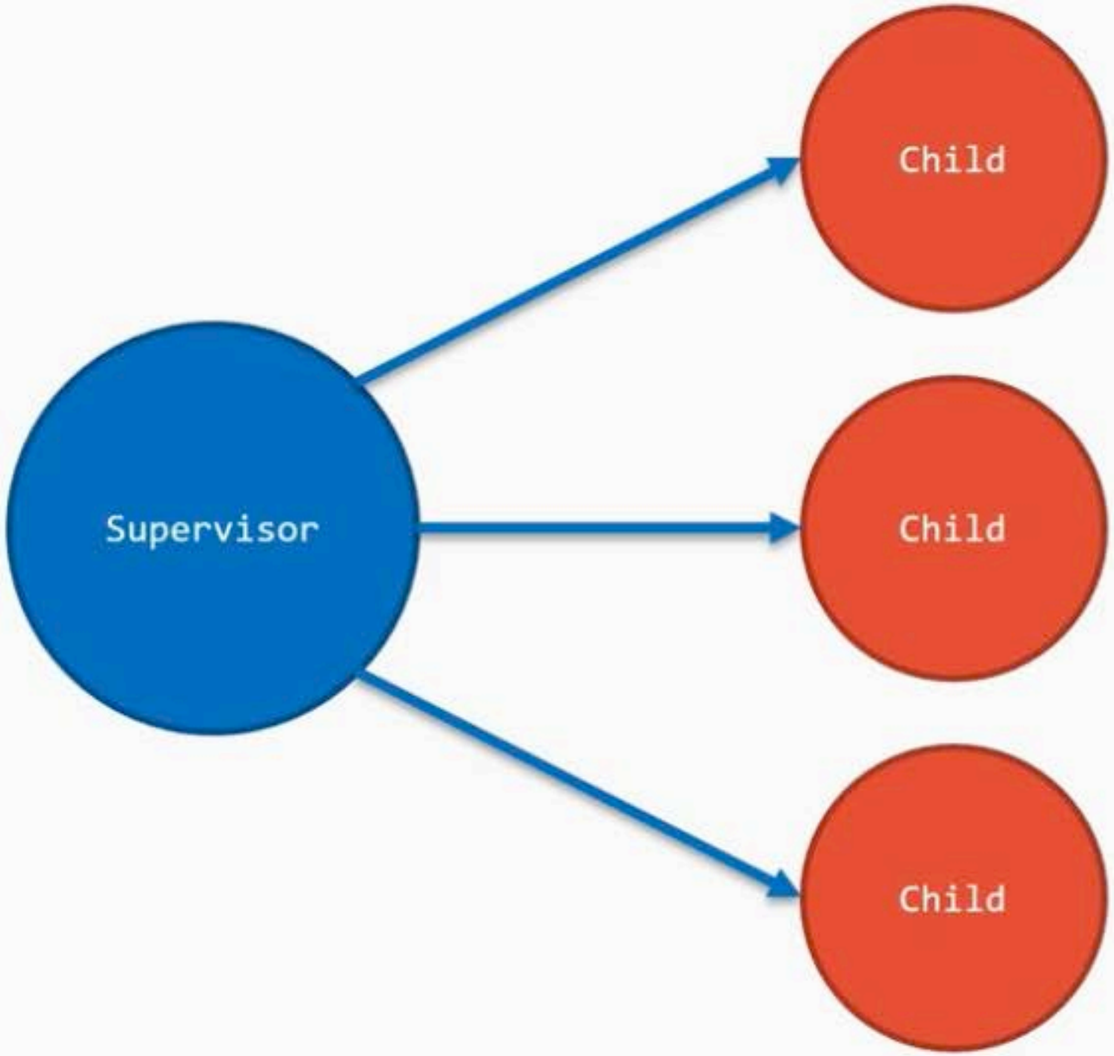
Simple One for One

Like One-for-One, but supervisor starts with a single process.

Processes of the same kind can be added dynamically.

Supervisor restarts processes as they fail.



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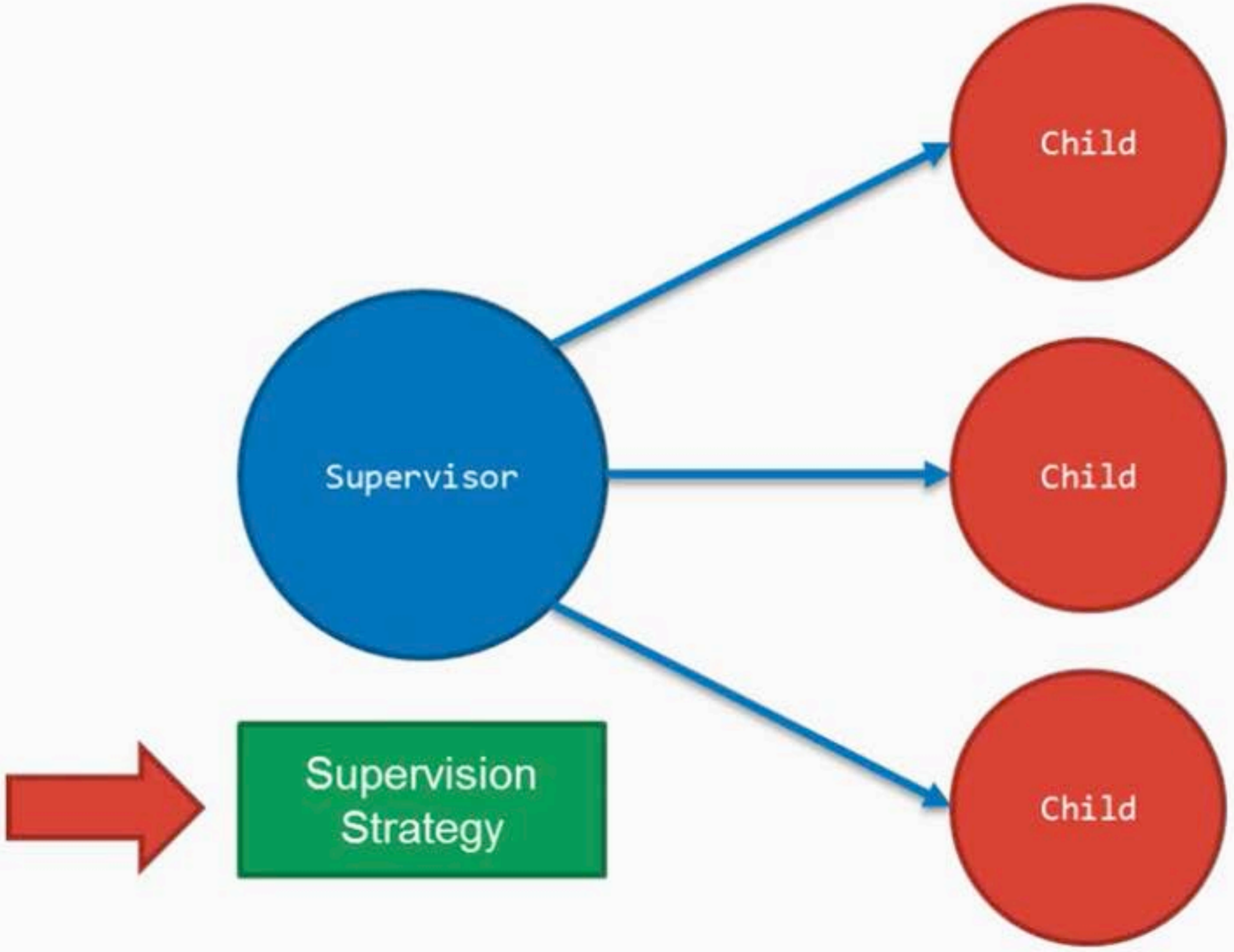
Restarting



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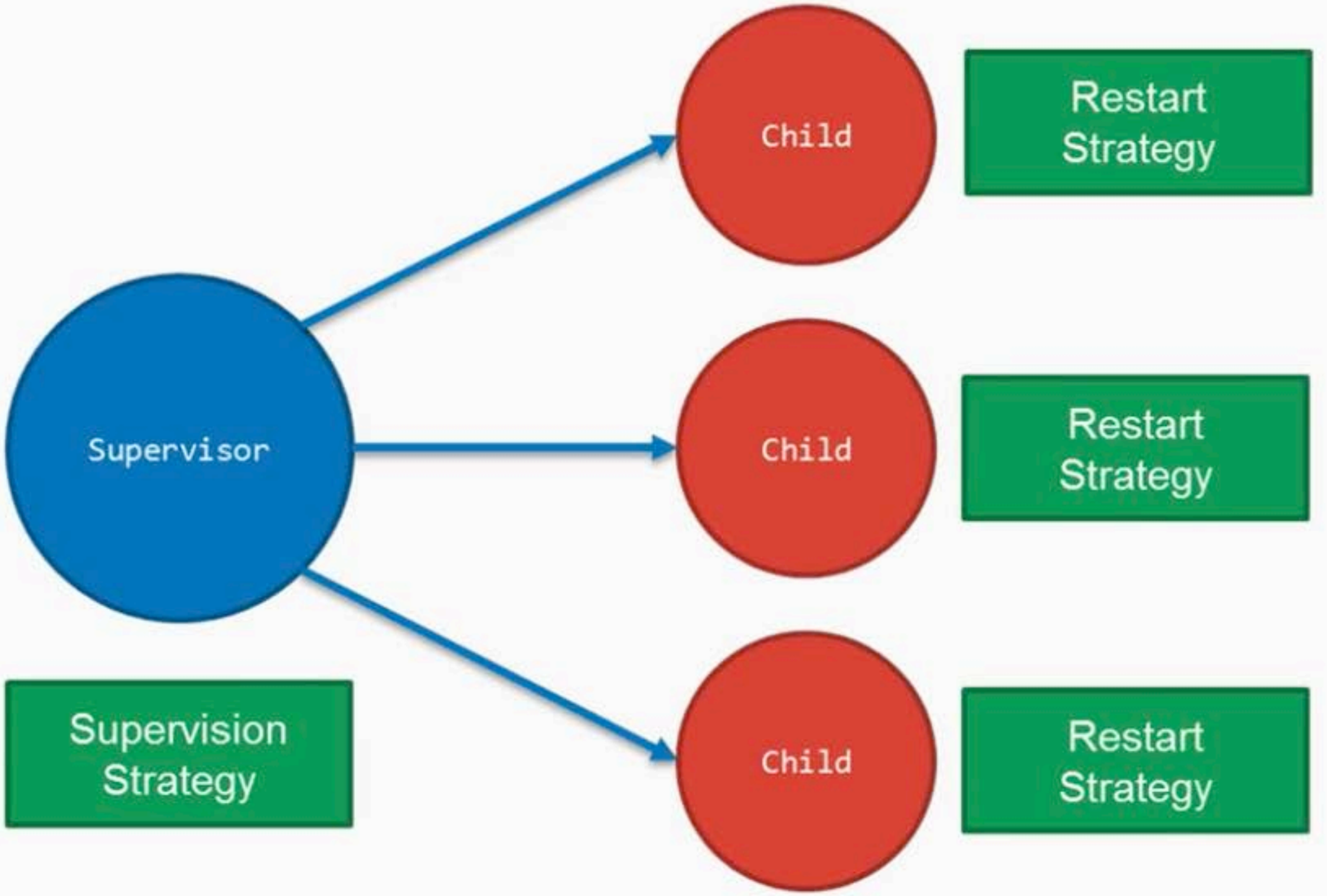
Restarting



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Restarting

:permanent

:transient

:temporary

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Restarting

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Process is
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Restarting

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Process is **always** restarted

:transient

Process is **only** restarted if crashed

:temporary

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Restarting

:permanent

Process is **always** restarted

:transient

Process is **only** restarted if crashed

:temporary

Process is **never** restarted

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Summary

- Explored the supervisor behaviour
- Discussed supervision strategies

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