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THE FRENCH AEROSPACE LAB

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Simulation Software Ecosystem High-Level Architecture

simulation_software_ecosystem-> High-level architecture

Traditional n-tier architecture



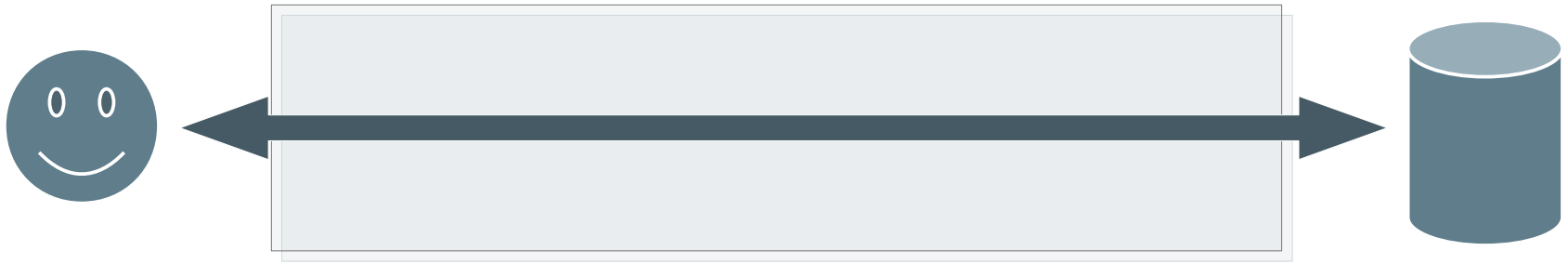
Traditional n-tier architecture

simulation_software_ecosystem-> High-level architecture



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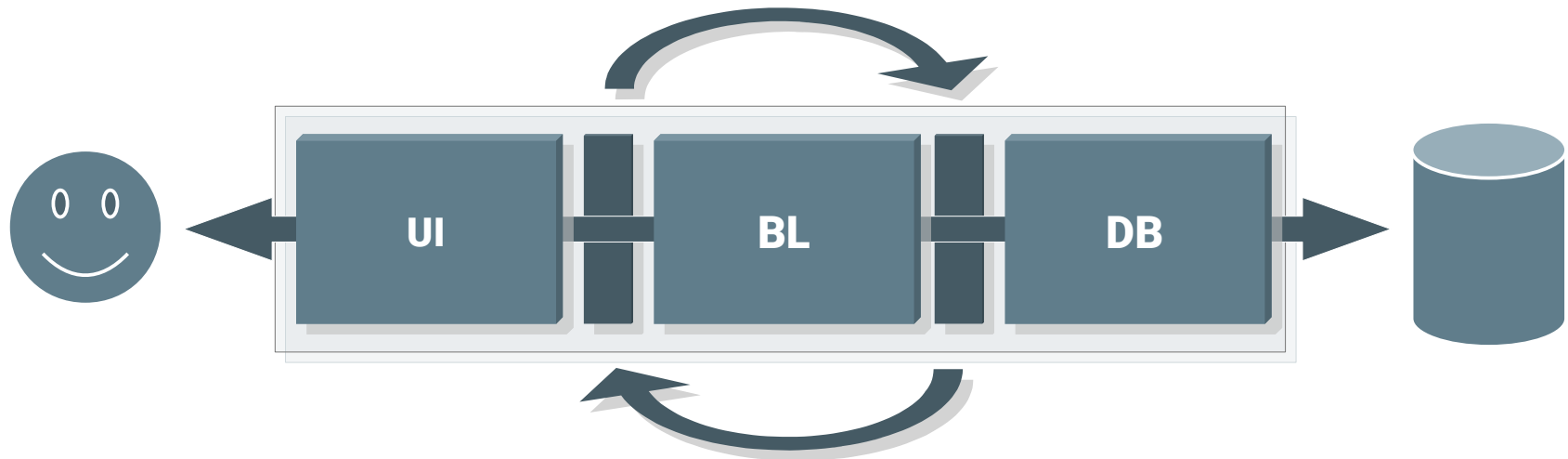
Traditional n-tier architecture

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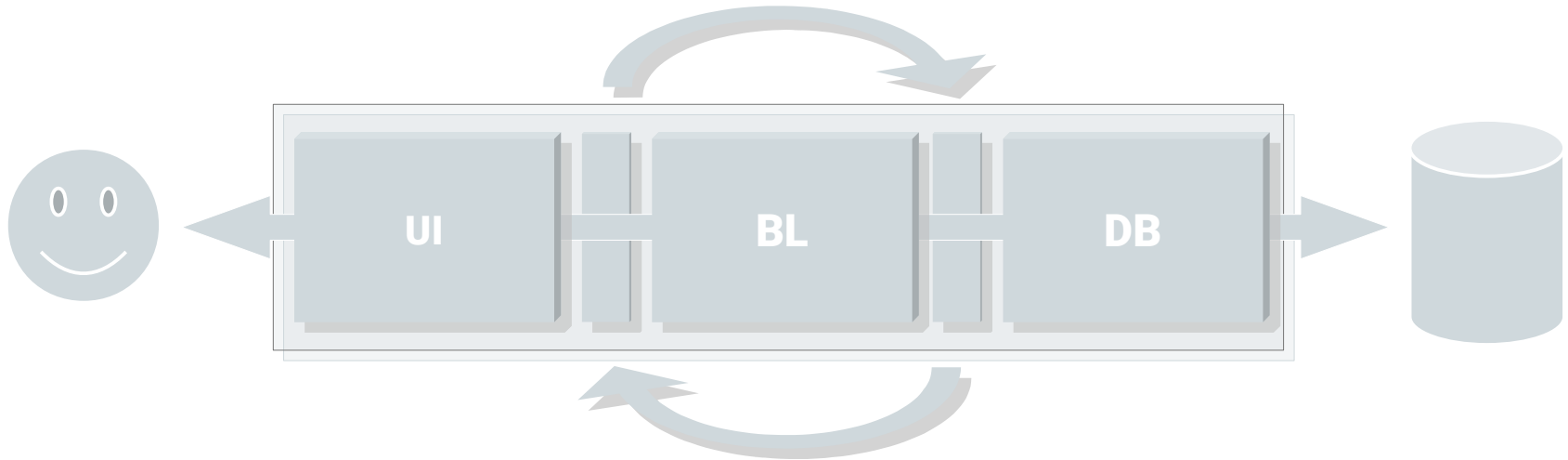
Traditional n-tier architecture

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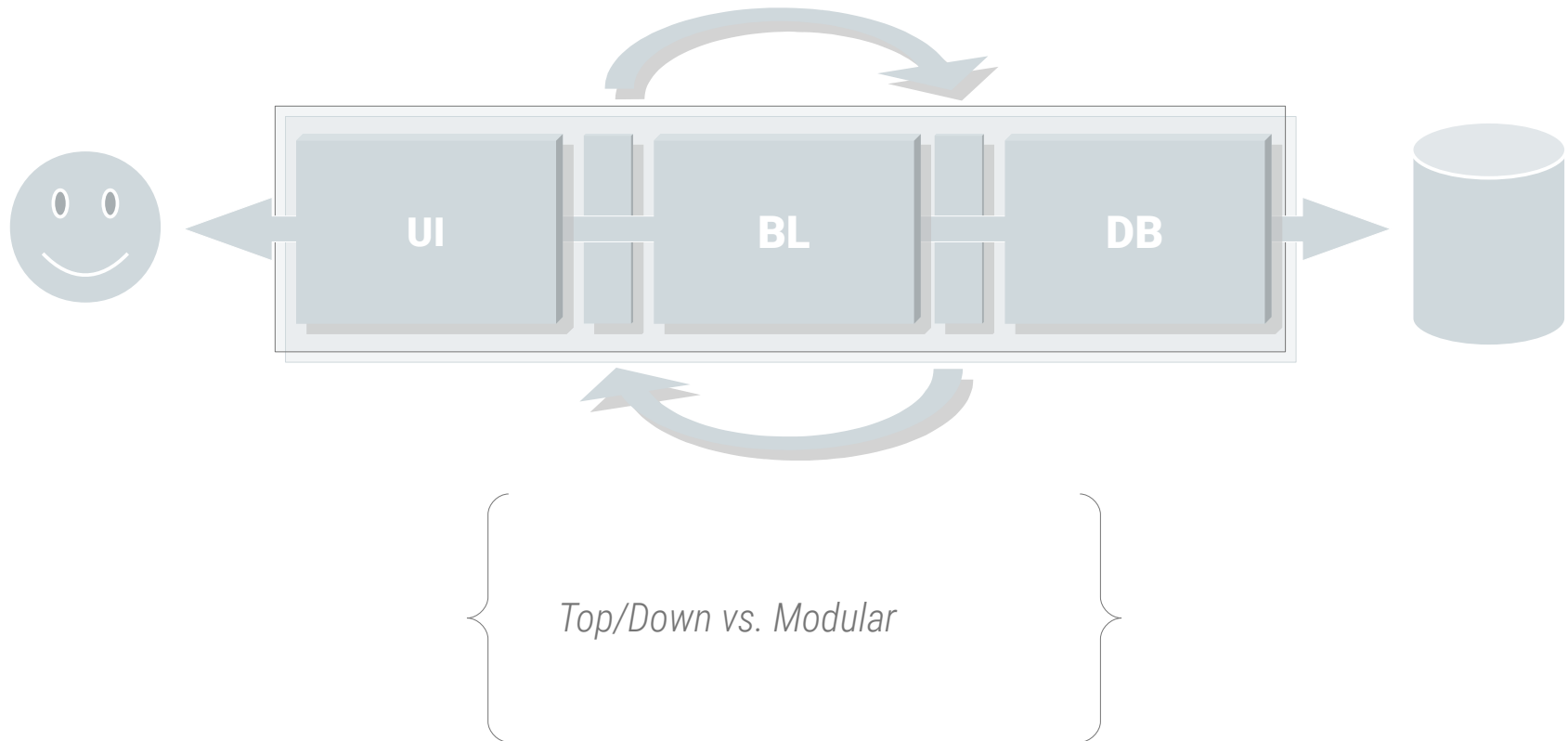


Traditional n-tier architecture

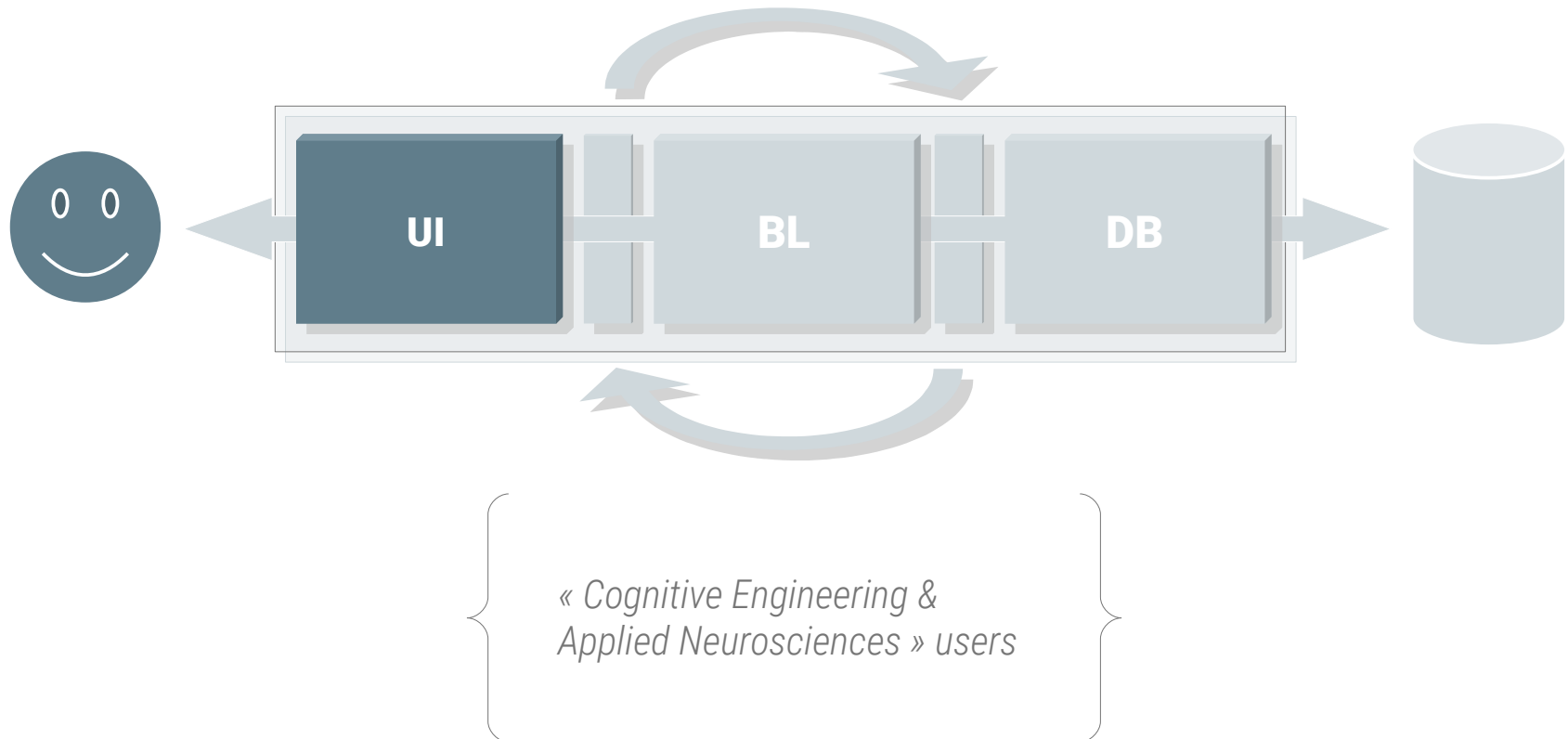
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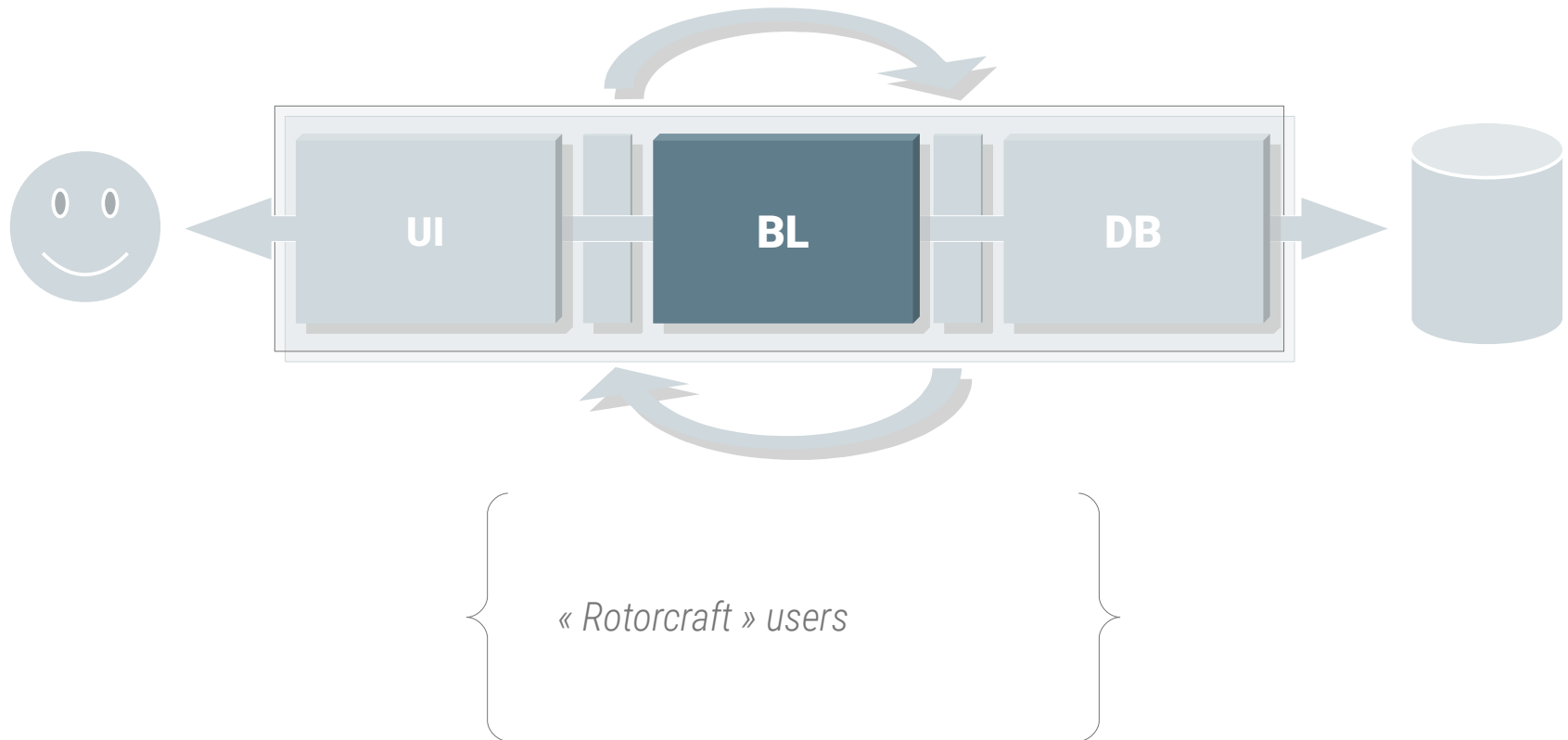
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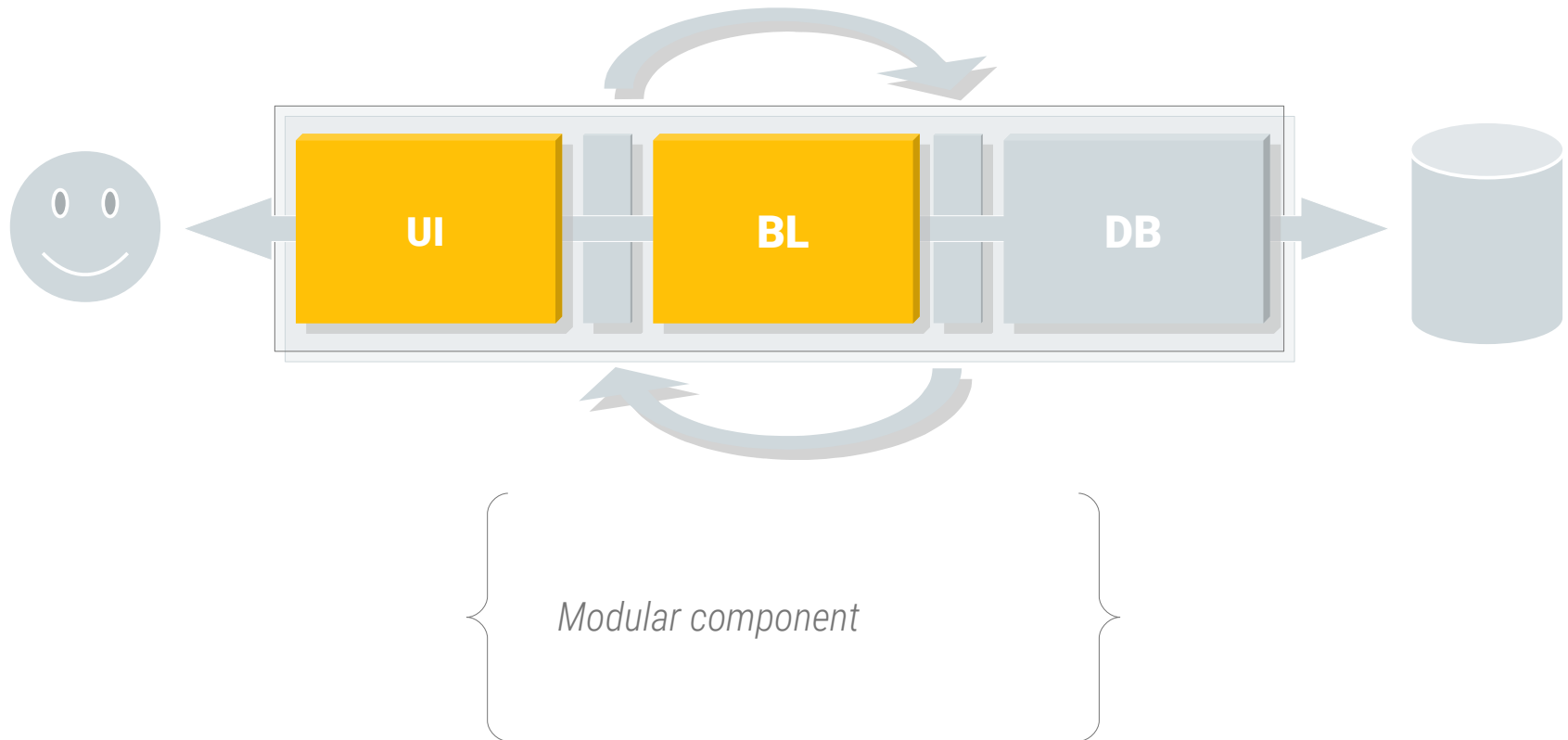
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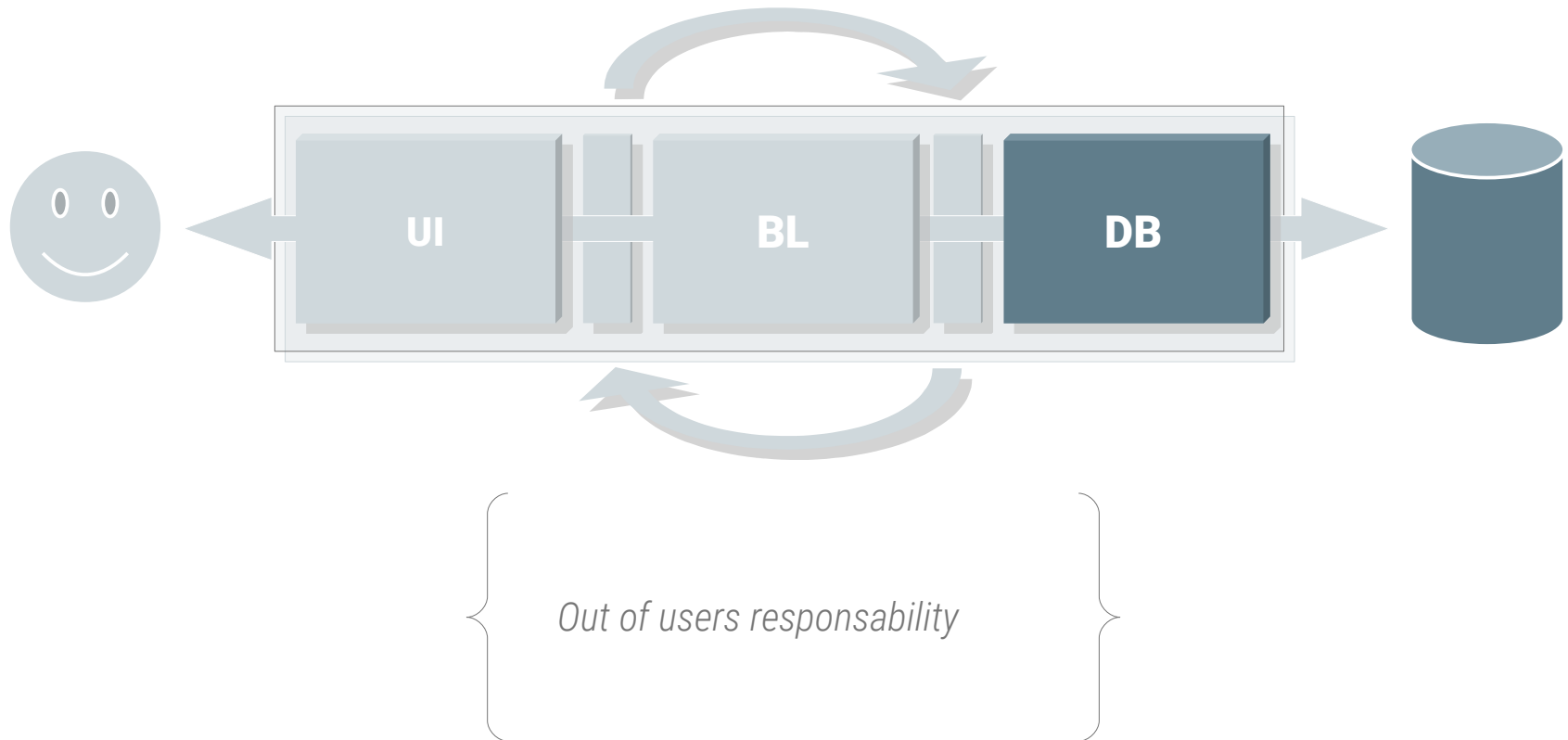
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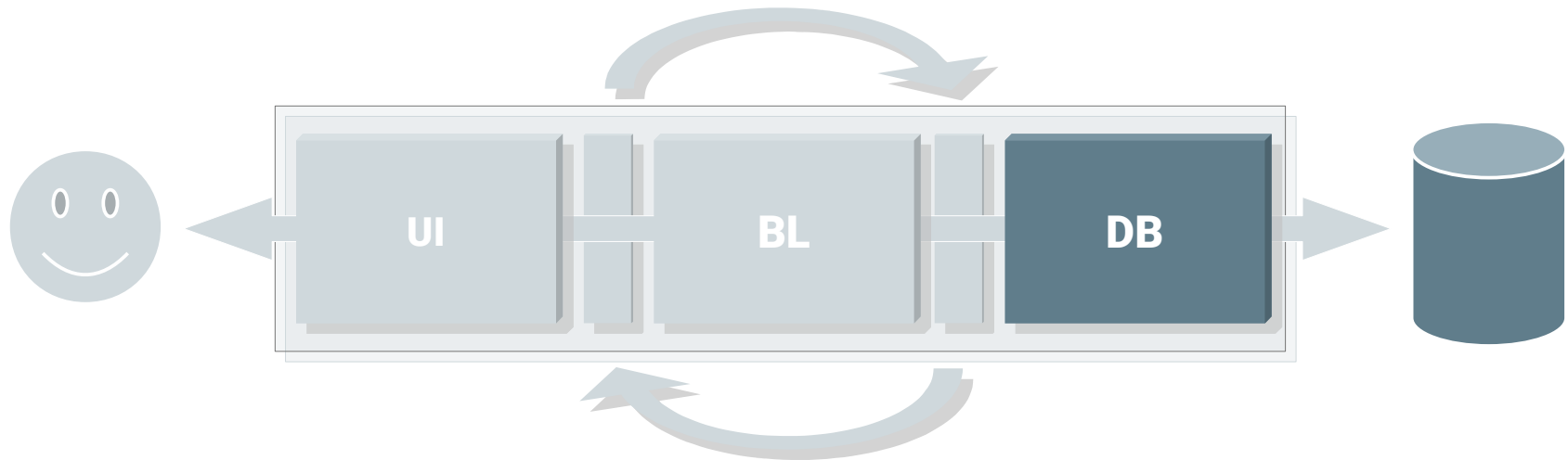
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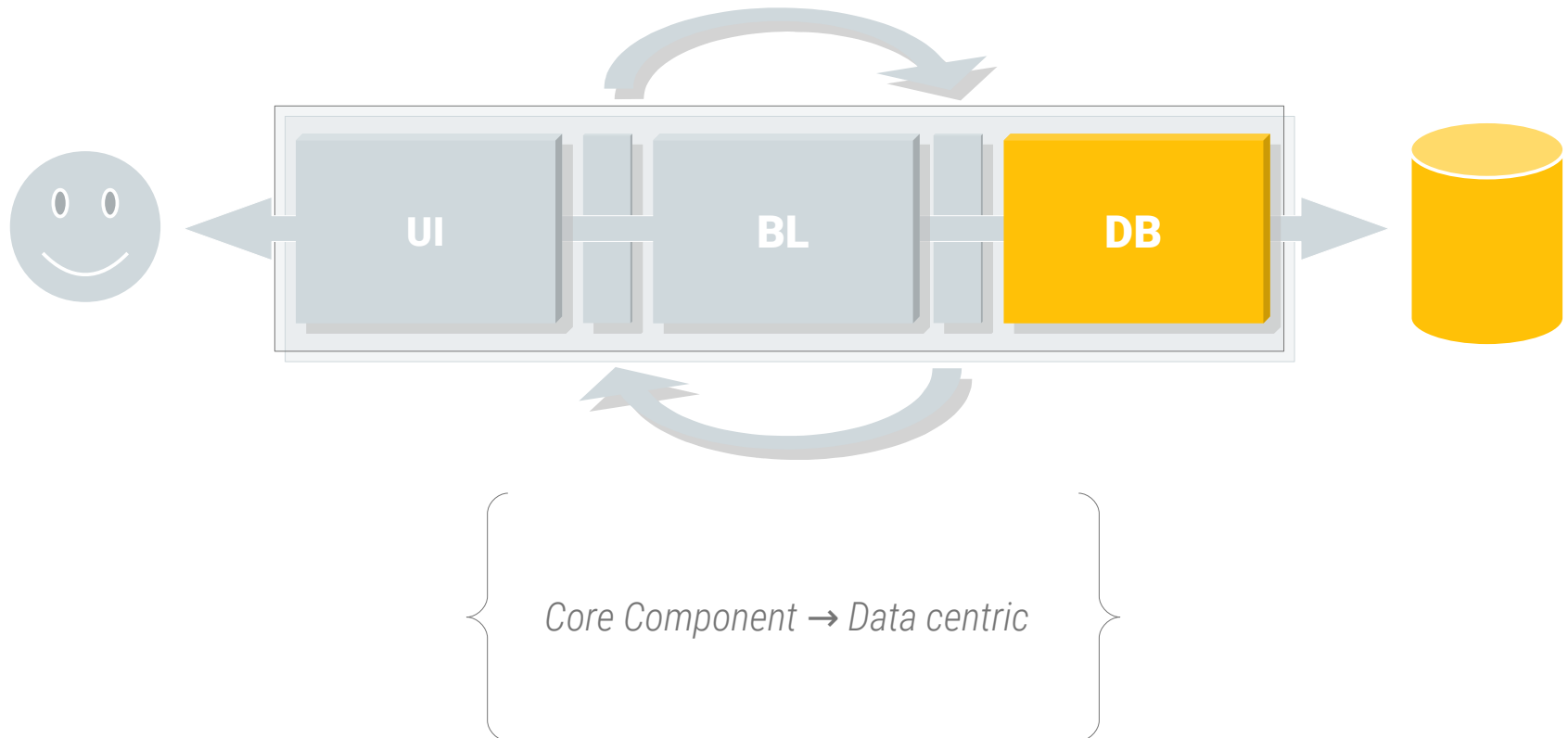
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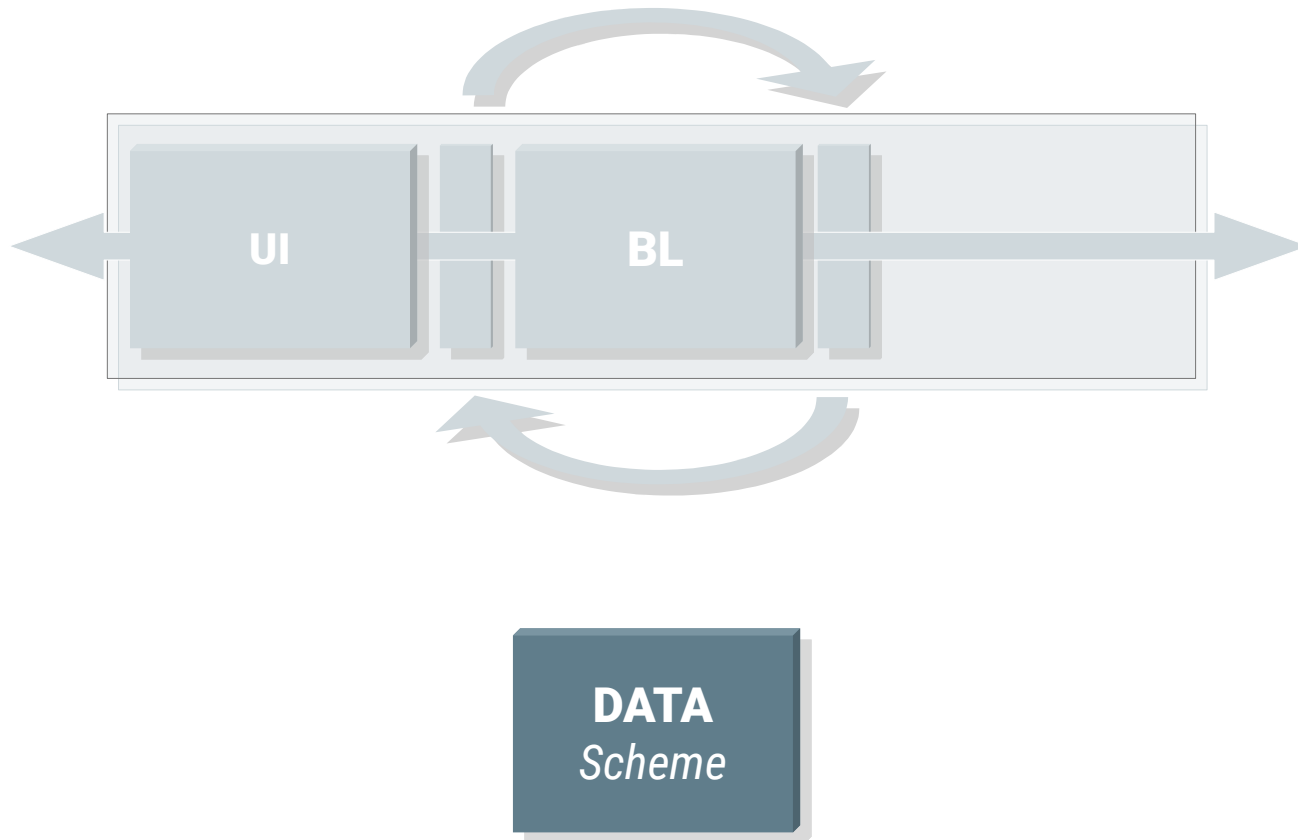
*Users fundamentally **don't want** to implement these DB models but they **have to** because of their need of data.*

It's an environmental constraint.

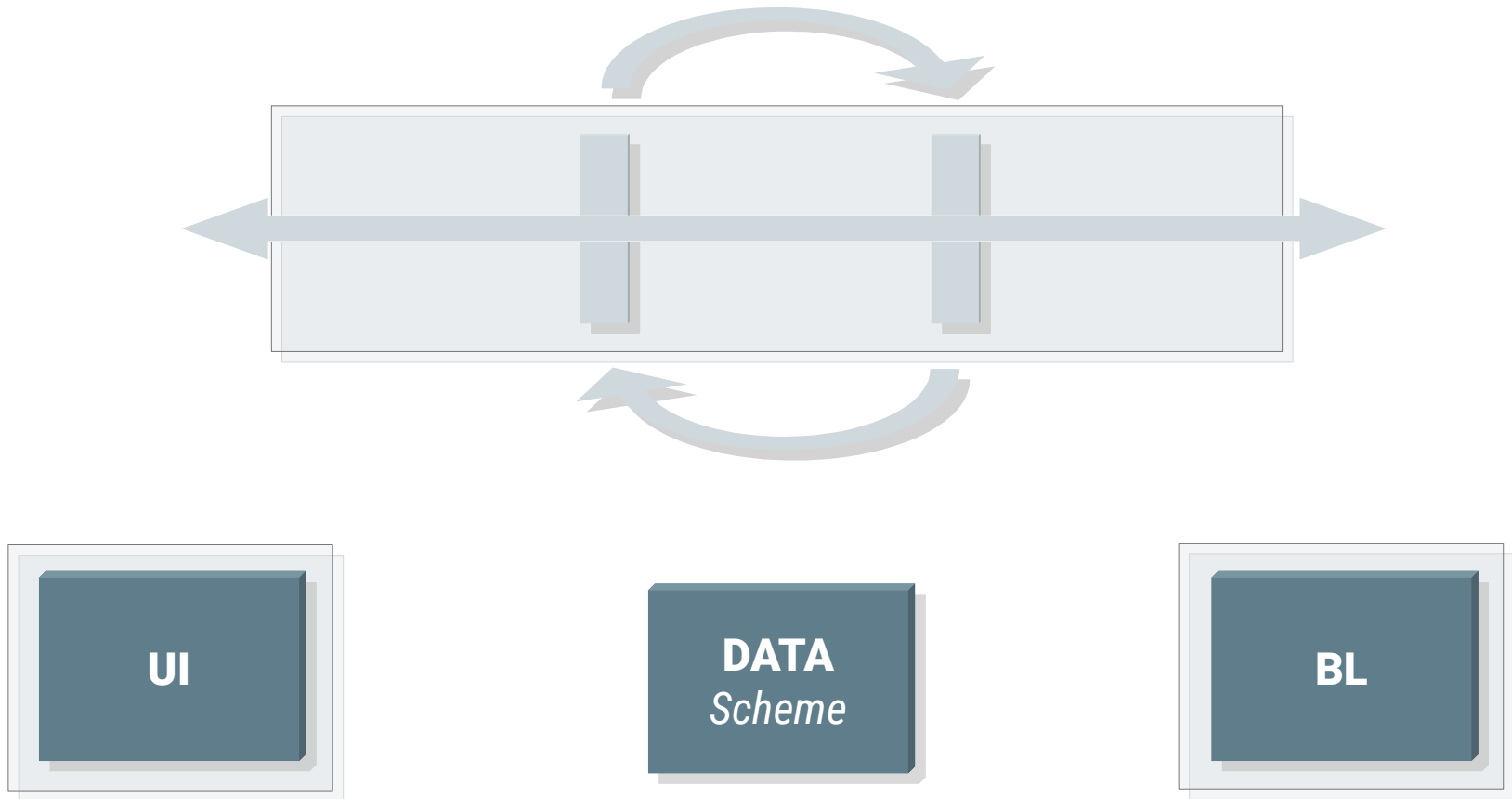
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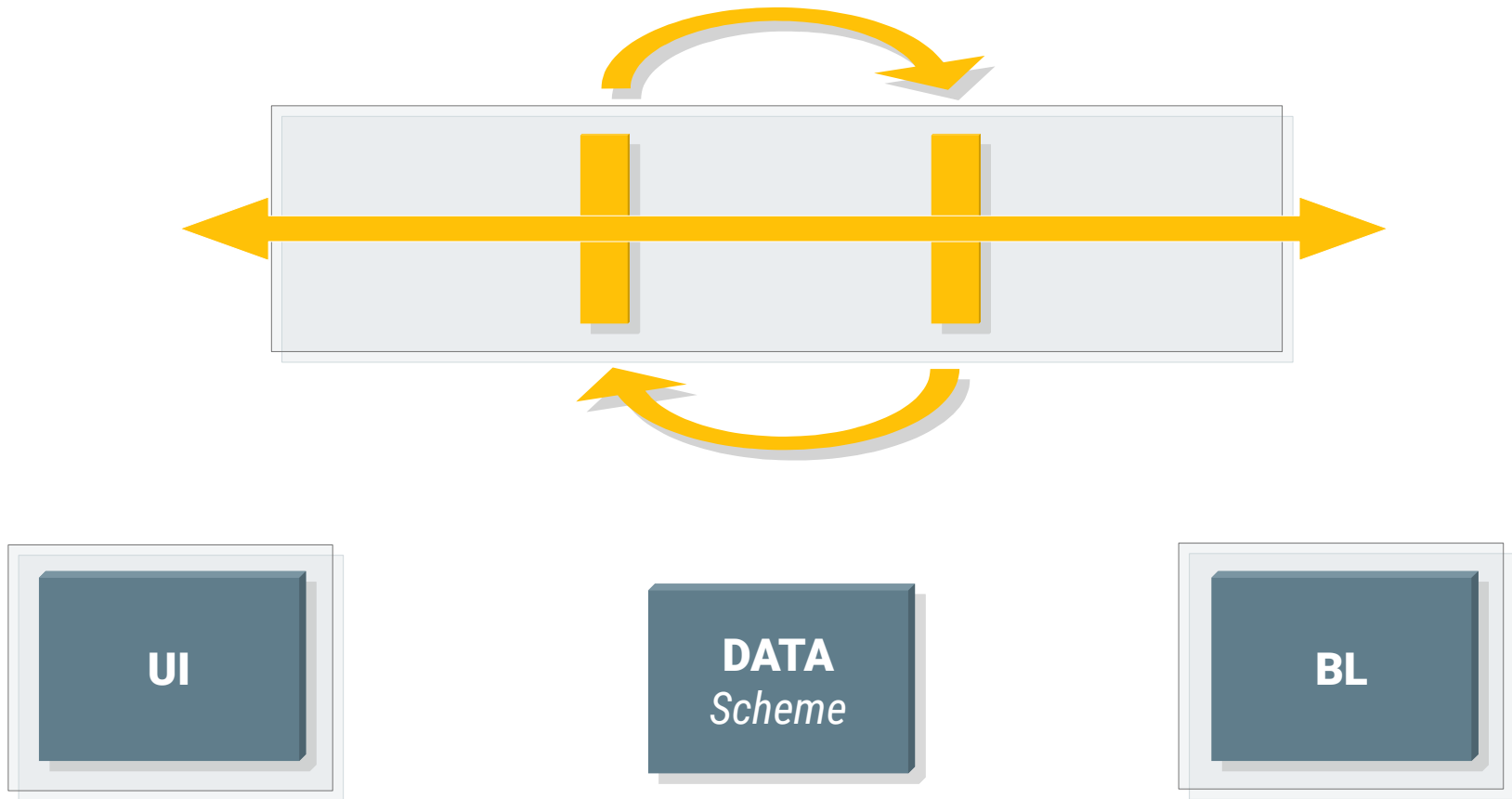
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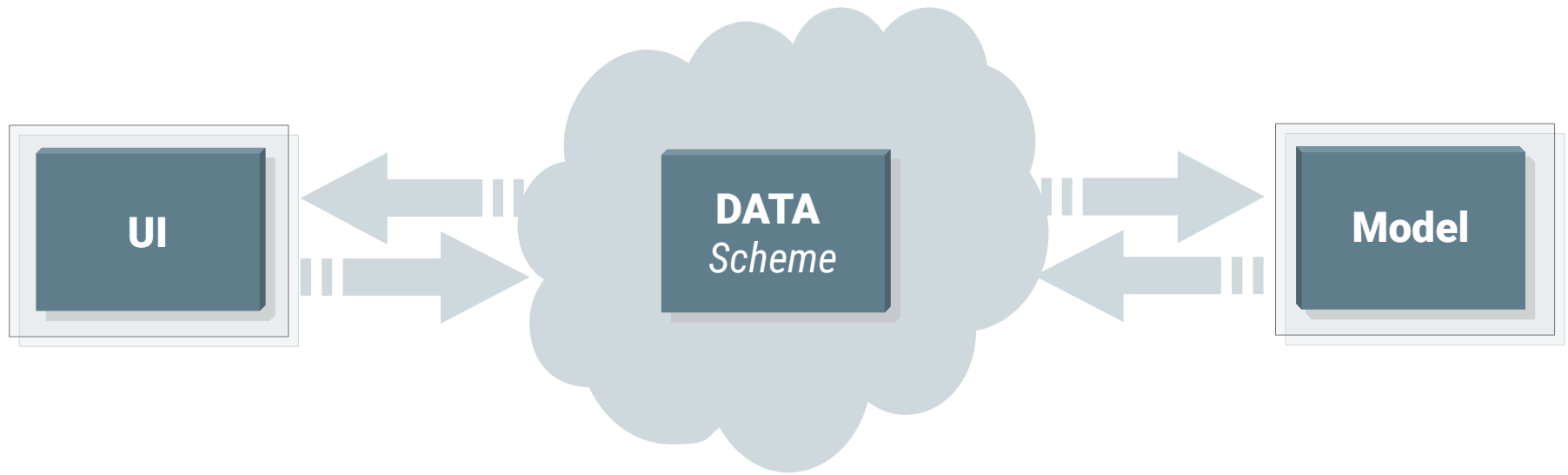
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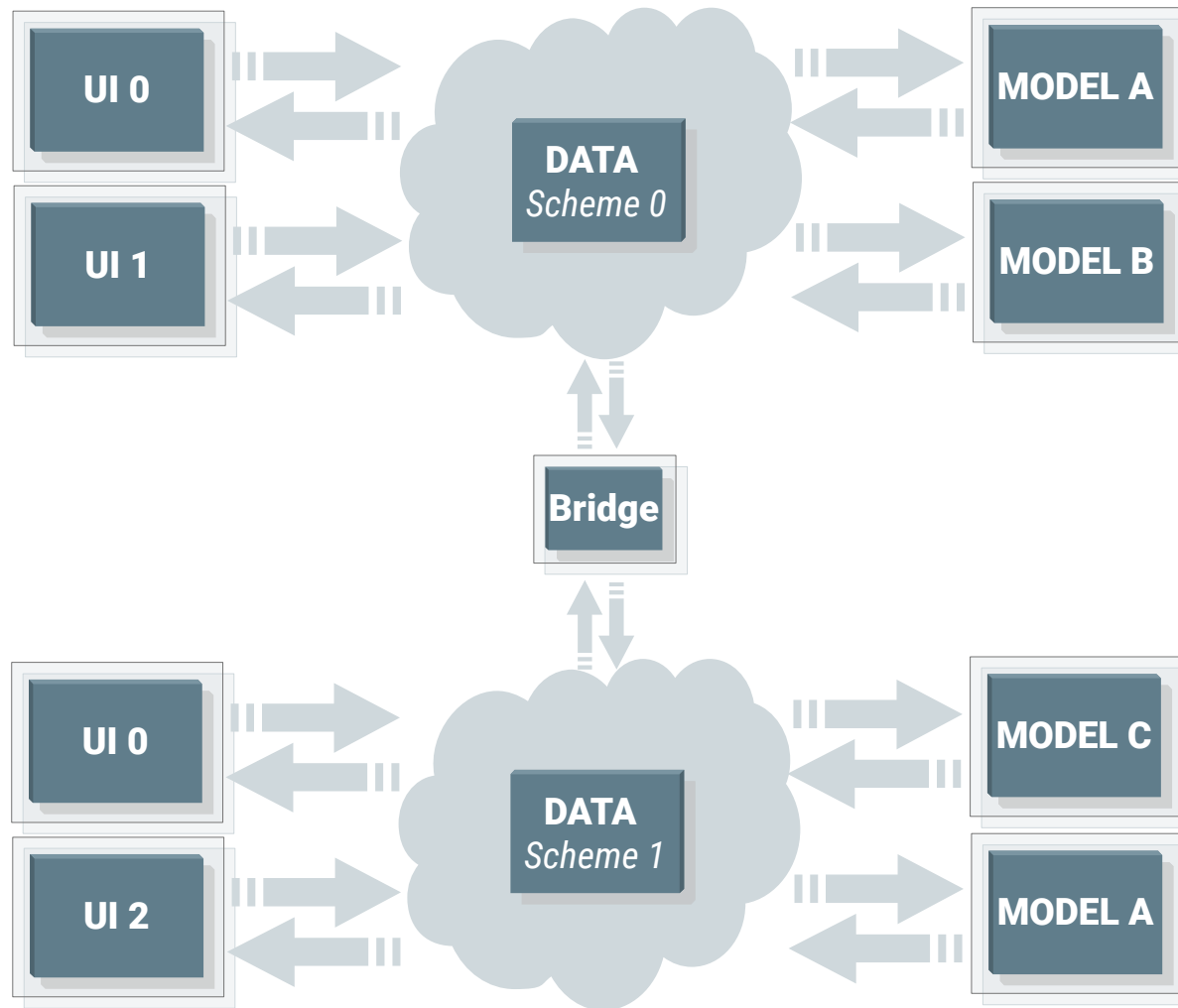
Provided LABSIM data-centric software ecosystem

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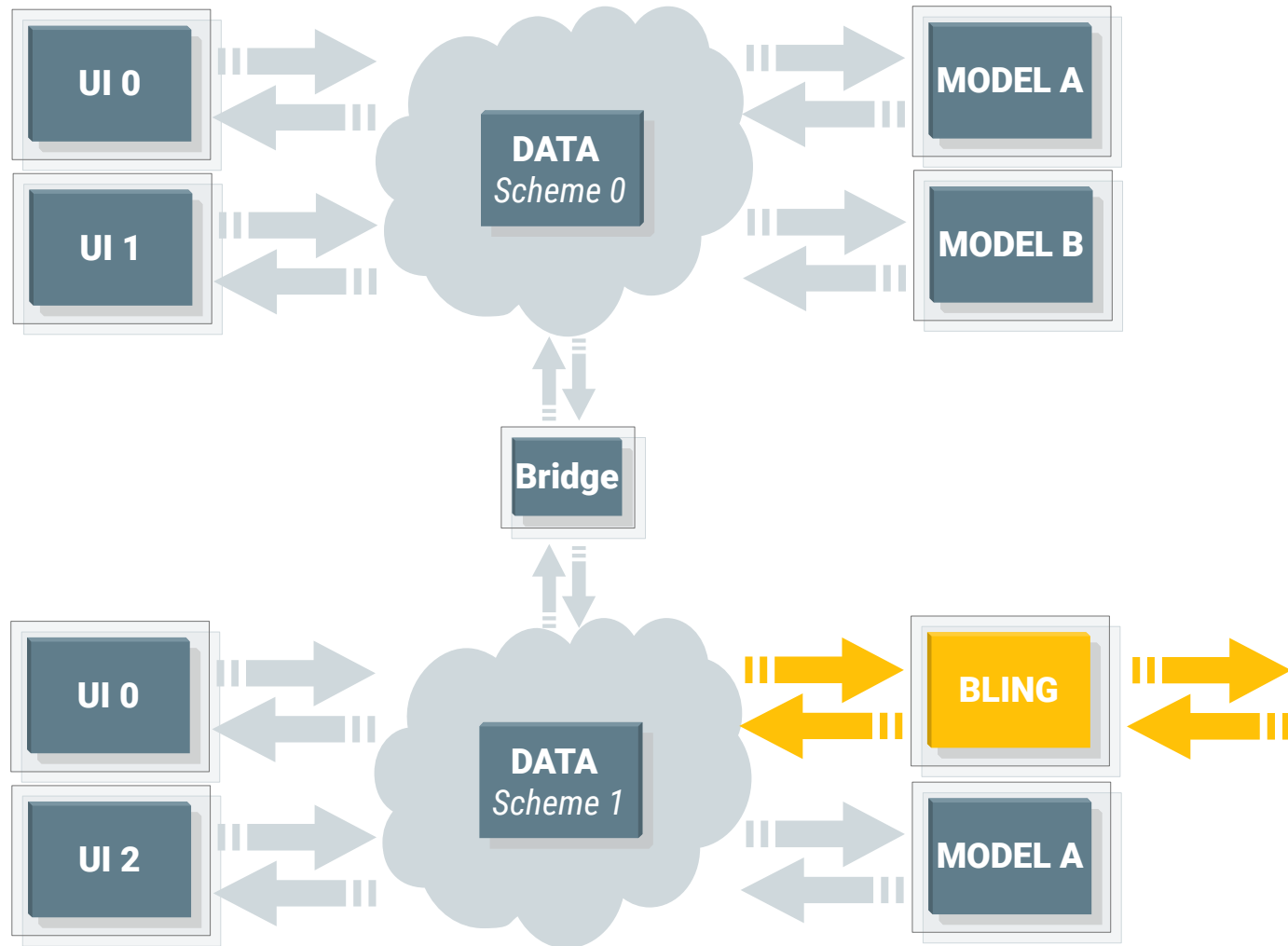
Mono-cloud LABSIM ecosystem

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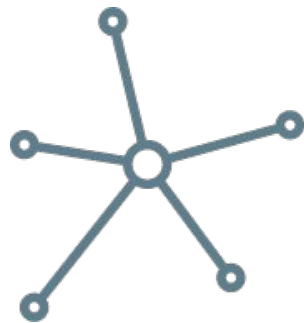


Multi-clouds LABSIM ecosystem

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Multi-clouds LABSIM ecosystem (DDS) with **BLADE** Gateway (HLA)



LABSIM

<http://www.labsim.github.io>