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# Variations

In this lesson, we'll touch on some variations of the approaches
discussed in this chapter.

> **We'll cover the following**   ⌃
>
> - Self-contained systems
> - Links & transclusion
> - Edge side includes

# Self-contained systems #

Self-contained systems (SCS) (see chapter 2
(https://www.educative.io/collection/page/10370001/5441945024331776/59
40980227244032)) particularly focus on frontend integration.

# Links & transclusion #

The next chapters discuss the different variations for frontend
integration. Chapter 8 shows how links and transclusion work on the
client side.

# Edge side includes #

Chapter 5
(https://www.educative.io/collection/page/10370001/5441945024331776/48
6783454395392) demonstrates the integration on the server-side with ESI

6783543435552)) demonstrates the integration on the server side with ESI (Edge Side Includes).

Typically, a microservices system also uses synchronous communication (chapter 9 (https://www.educative.io/collection/page/10370001/5441945024331776/5430783407816704)) or asynchronous communication (chapter 6 (https://www.educative.io/collection/page/10370001/5441945024331776/4516786718375936)) in addition to frontend integration. The use of several integration approaches is common and easily possible.

Ultimately, the browser only needs to access the various backends via HTTP. This means that **frontend integration puts few constraints on the technologies used**.

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The next lesson will be a quick conclusion to this chapter.

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