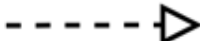
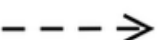
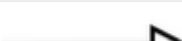


Appendix B: Relationship Quick Reference

The cheat sheet, all eleven relationships. Print it; pin it; live by it. New in version 4: any relationship can carry a cardinality (0..1, 1..*) when instance-level precision matters.

Relationship	Visual	Direction rule	Use when	Spoken as
Composition		Diamond sits on the whole	Part cannot exist without whole	"X is composed of Y"
Aggregation		Diamond sits on the whole	Grouping; parts independent	"X aggregates Y"
Assignment		Doer → work; host → hosted	Role does process; node hosts component	"X is assigned to Y"
Realisation		Concrete → abstract	Process makes service real; component makes requirement real	"X realises Y"
Serving		Giver → receiver	Anything provides functionality to anything	"X serves Y"
Access		Behaviour → data	Reading/writing objects (head toward data = write; from = read; both/none as needed)	"X accesses Y"
Influence		Influencer → influenced	Motivation-land effects	"X influences Y (positively)"
Association		None (or modeller-defined)	Genuinely unclassifiable relation: last resort	"X relates to Y"
Triggering		Earlier → later	Sequence between behaviours/events only	"X triggers Y"
Flow		Sender → receiver	Something (data, goods) transfers between behaviours	"X flows [thing] to Y"
Specialisation		Specific → general	—	"X is a kind of Y"

The three confusables, one last time:

- Realisation: concrete → abstract
- Serving: giver → receiver
- Assignment: doer → done

Legality reminders: triggering/flow connect behaviours, never structural boxes; composition never crosses domains; when stuck, serving is legal almost everywhere, but check whether a more specific relationship tells the truth better.