



COBIE 101 session 4. usage overview

audience

this course is for public government officials and business partners who need to understand how COBIE is implemented on their contracts.

prerequisite

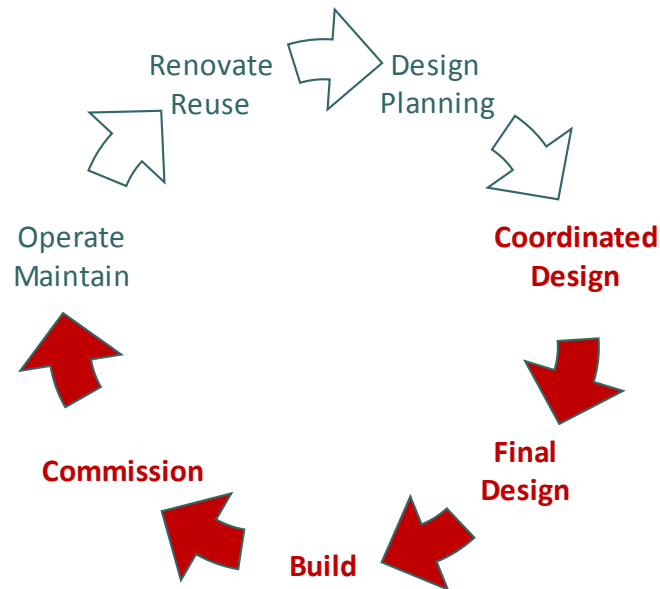
COBIE 101. session 3 cobie phased information specifications

objectives

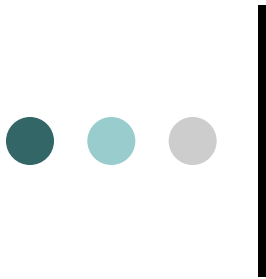
identify cobie requirements for design, build, and commissioning phase

identify how this information may be used by facility managers

cobie for design, build, and commissioning



- information deliverables already within scope of existing contracts
- current delivery method ensures that information cannot be reused
- planned information reuse (via cobie) can reduce cost
- automate production of construction handover documentation



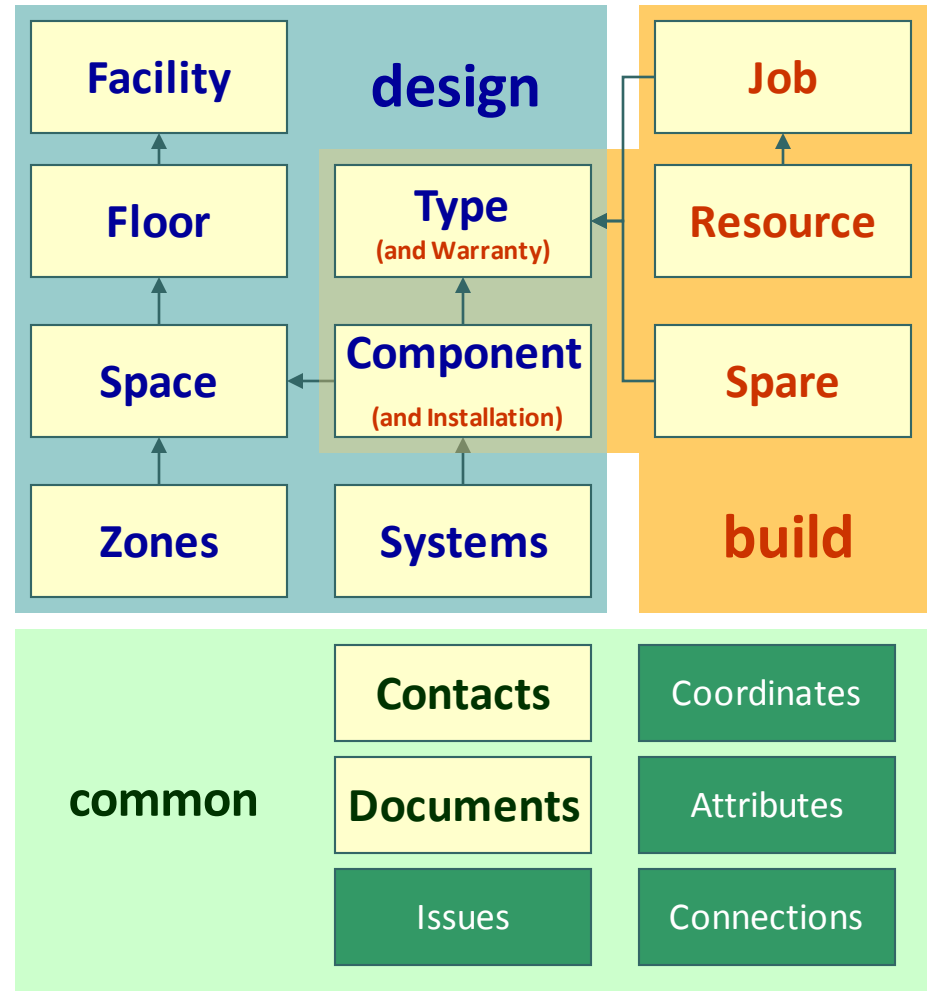
total handover requirements

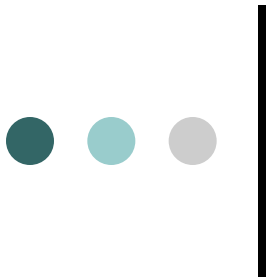
information deliverables in existing contracts

current delivery method ensures that information cannot be reused

planned information reuse (via cobie) can reduce cost

each party only provides the information that they create





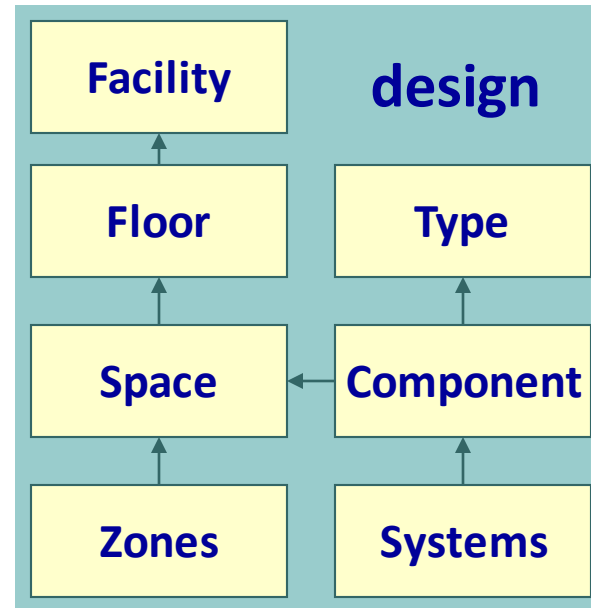
designers' requirements

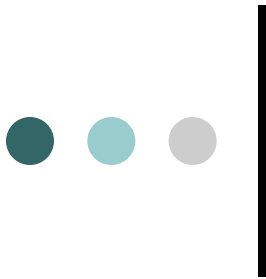
spaces organized by

- floors within buildings
- required capabilities (zones)

products organized by

- type of product
- required services (systems)





builders' requirements

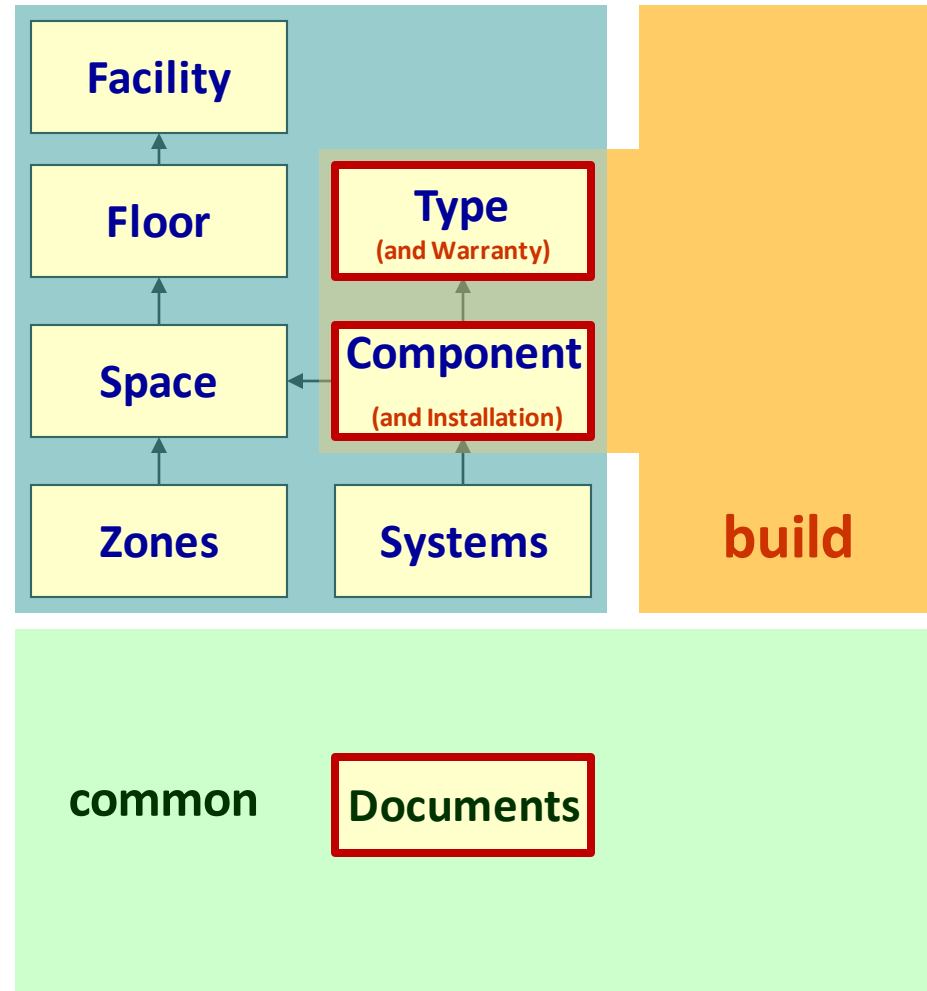
product type information

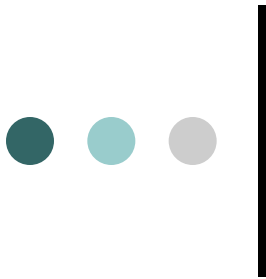
- warranty
- approved submittals (documents)

documents provides index of approved submittals and other documents stored on website or portable media

individual components

- make, model, serial number
- installation date





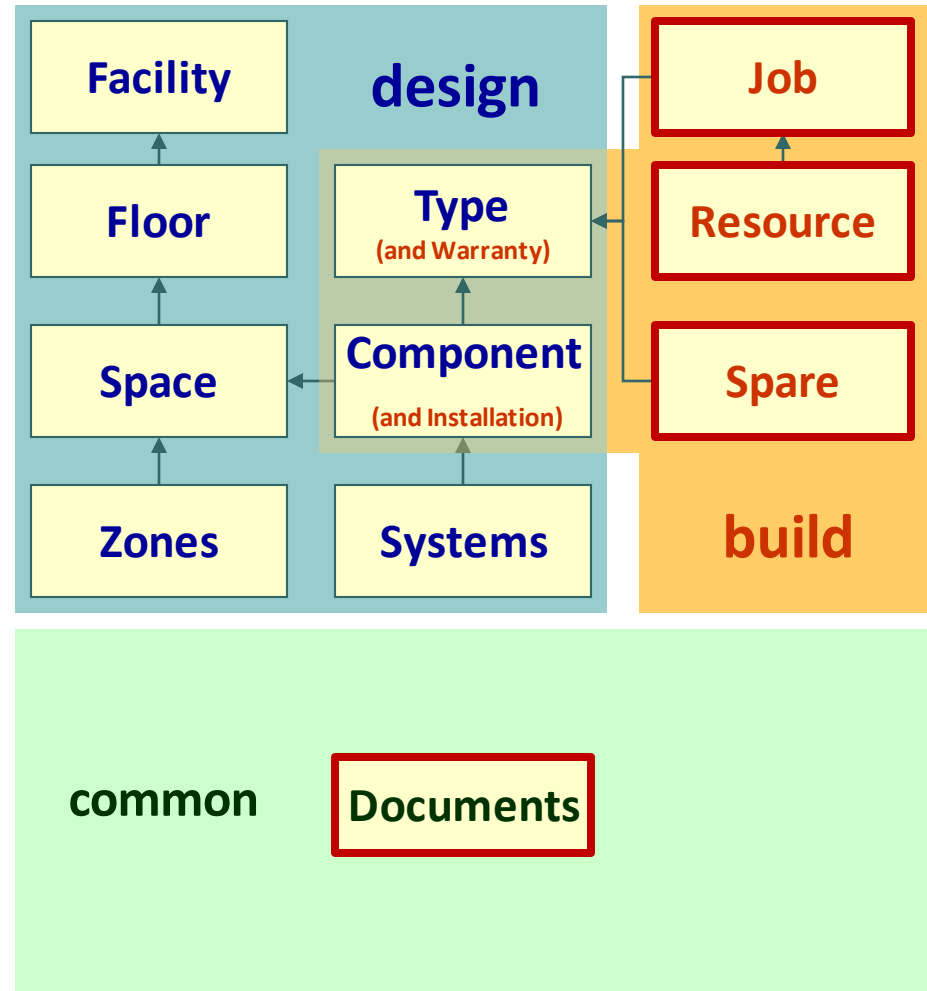
commissioning agents' requirement

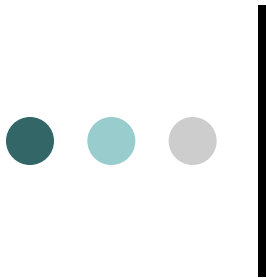
maintenance

- pm plans
- troubleshooting

operations

- safety
- start-up
- shut-down





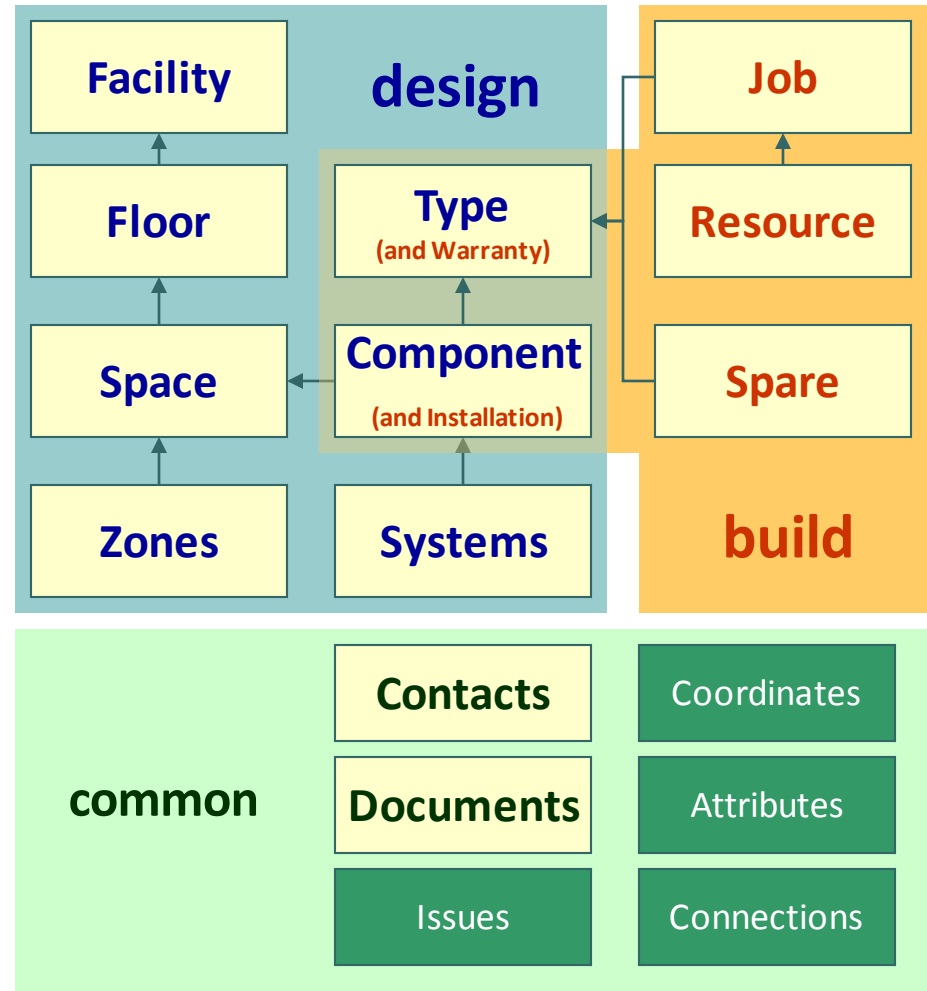
common requirements

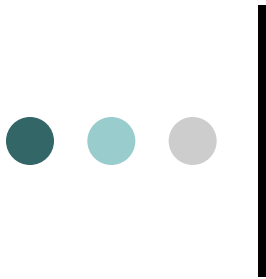
required common

- information authors
- companies providing service
- documents

optional common

- block diagram (coordinate)
- attributes (equipment properties)
- connections (layout drawing)
- issues (operational safety)





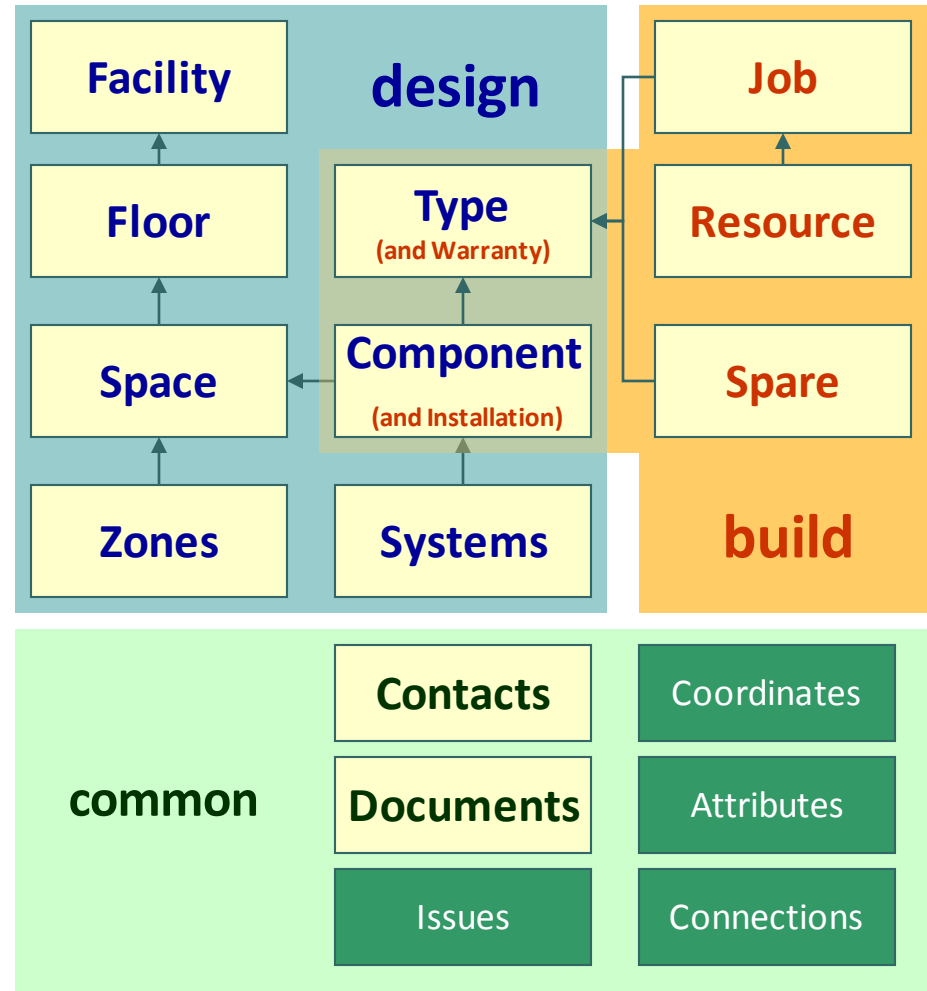
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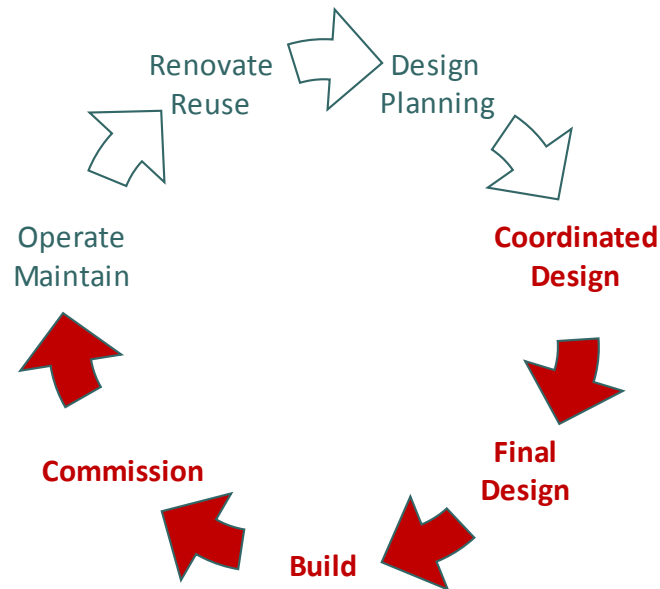
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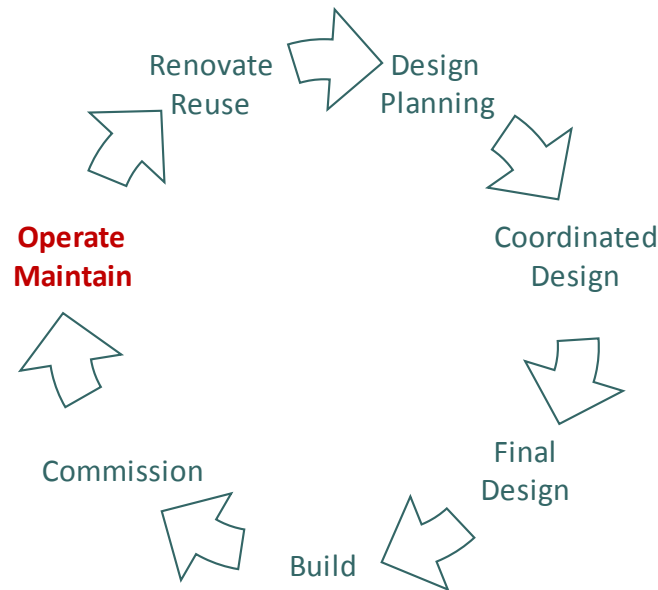


cobie for design, build, and commissioning



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cobie for operators



- automatically load CMMS, CAFM
- usable repository of product and O&M information
- deliverables in advance of occupancy allow effective operations
- deliverables during design allow workforce projection
- framework for maintenance of as-operated building information



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