

# COBIE 101 session 12. component worksheet

## **audience**

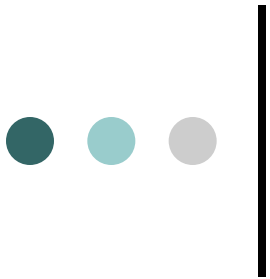
this course is for public government officials and business partners who need to understand how COBIE is implemented on their contracts.

## **prerequisite**

COBIE 101. session 4. cobie general overview

## **objectives**

describe the contents of the COBIE Component worksheet



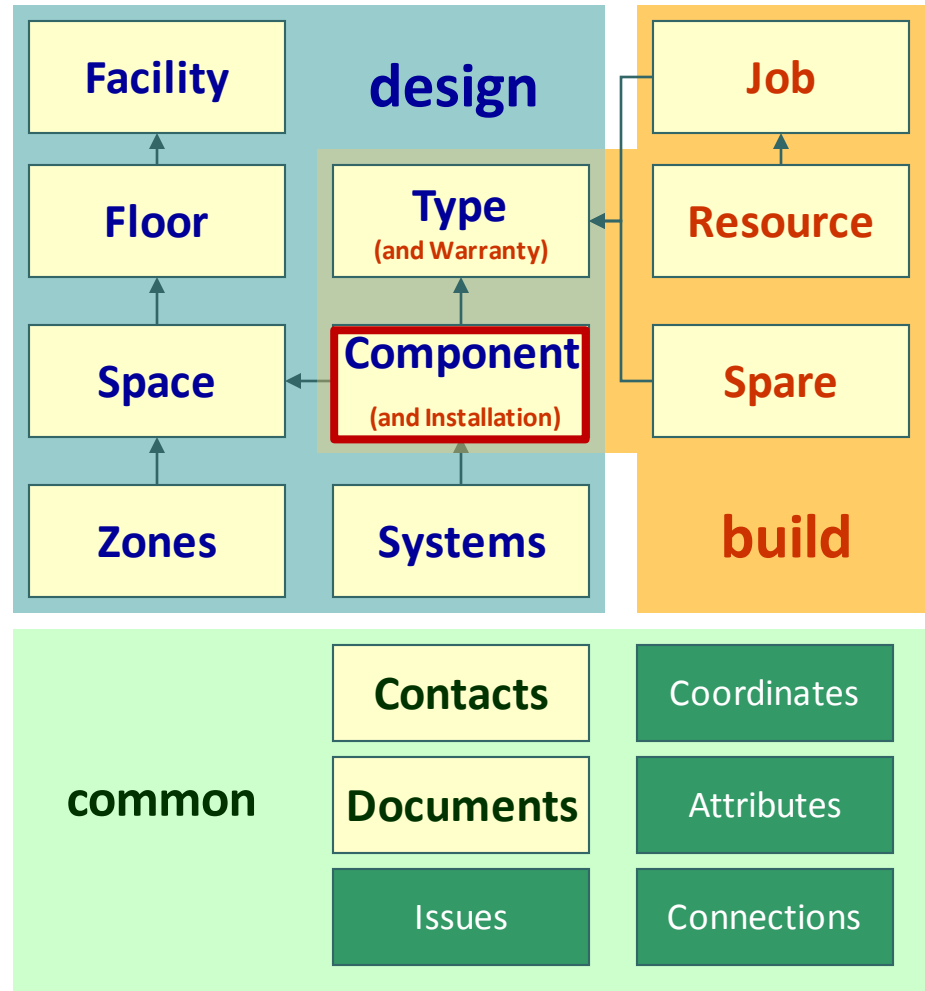
# component worksheet

## design phase

- “scheduled” products
- location

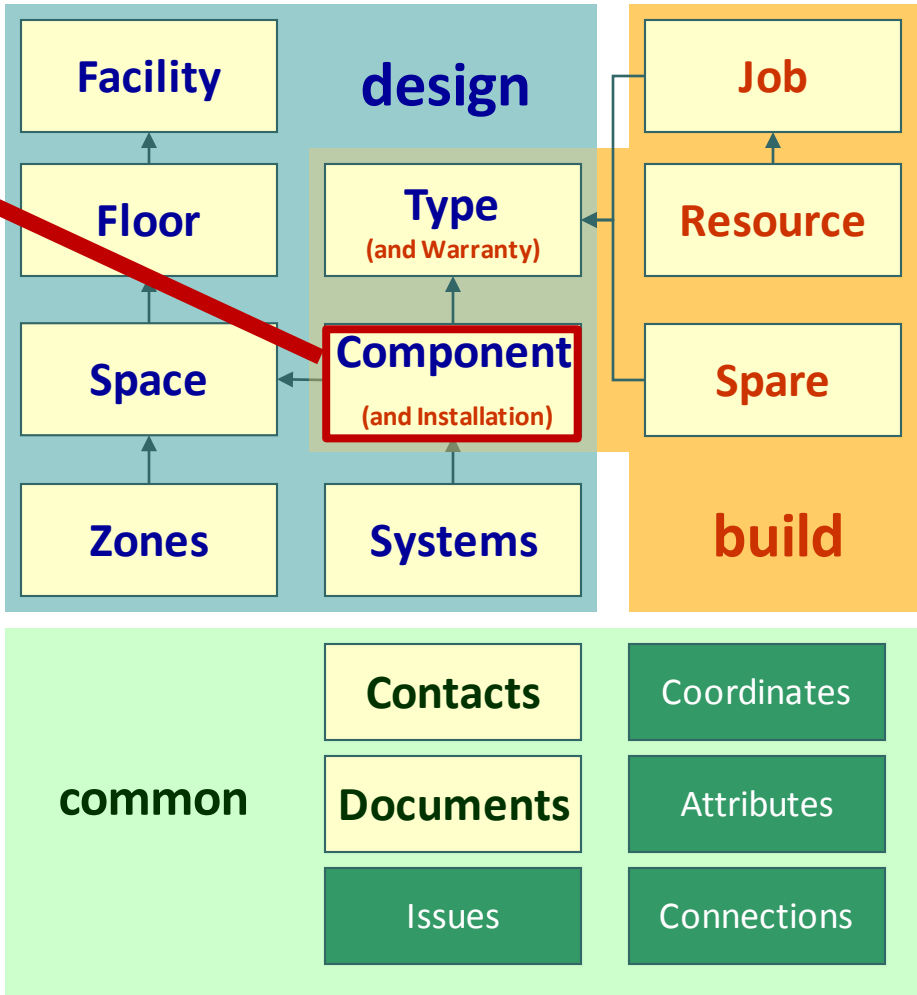
## construction phase

- serial number
- install date
- tag/barcode/asset id



# component worksheet

- Name
- CreatedBy
- CreatedOn
- TypeName
- SpaceNames
- Description
- ExtSystem
- ExtObject
- ExtIdentifier
- SerialNumber
- InstallationDate
- TagNumber
- BarCode
- AssetIdentifier





# unique name

|    | A         | B              | C                   | D                                    | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 |                                      |            |                | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 |                                      |            |                | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 |                                      |            |                | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 |                                      |            |                | objComponent |           |               | 1000-00-1    | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 |                                      |            |                | objComponent |           |               | 236S-300-1   | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 |                                      |            |                | objComponent |           |               | 236S-300-2   | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 |                                      |            |                | objComponent |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

**unique name  
primary key for all components**

# authorship information

|    | A         | B              | C                   | D                                    | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead                             |            |                | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead                             |            |                | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead                             |            |                | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Sys                             |            |                | Component    |           |               | 1000-00-1    | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Sys                             |            |                | Component    |           |               | 236S-300-1   | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Sys                             |            |                | Component    |           |               | 236S-300-2   | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Sys                             |            |                | Component    |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

author email  
date-time stamp

# internal reference

|    | A         | B              | C                   | D                                      | E          | F                                    | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--|------------|--------------------------------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                               | SpaceNames | Description                          | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                         | 0A         | Door Type D1                         | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Doors, frames and Accessories          | 0B         | Door Type D1                         | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly        | 0A         | Door Type D1                         | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Insulated Transulcent Fiberglass Panel | 0A         | Door Type D1                         | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                         | 0A, 101    | Door Type D1                         | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Fire Extinguishers and wall brackets   | 0B, 102    | Door Type D1                         | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Sprinkler system                       | 0A         | Door Type D1                         | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Plumbing Fixtures                      | 0A, 104    | Door Type D1                         | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | compressed air system components       | 100A, 105  | Door Type D1                         | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                         | 100A       | Overhead Coiling Doors Assembly      | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly        | 100A       | Overhead Coiling Doors Assembly      | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly        | 100A       | Overhead Coiling Doors Assembly      | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly        | 100A       | Overhead Coiling Doors Assembly      | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment   | 100A       | HVAC System Components and Equipment | objComponent |           |               | 236S-300-3   | 1-Mar-2009       |           |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment   | 100A       | HVAC System Components and Equipment | objComponent |           |               | 236S-300-4   | 1-Mar-2009       |           |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment   | 100A       | HVAC System Components and Equipment | objComponent |           |               | 226S-200-2   | 1-Mar-2009       |           |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment   | 100A       | Radiant Heater                       | objComponent |           |               | 236S-300-5   | 1-Mar-2009       |           |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment   | 100A       | Radiant Heater                       | objComponent |           |               | 236S-300-4   | 1-Mar-2009       |           |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment   | 100A       | Radiant Heater                       | objComponent |           |               | 226S-200-2   | 1-Mar-2009       |           |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment   | 100A       | Radiant Heater                       | objComponent |           |               | 236S-300-5   | 1-Mar-2009       |           |         |                 |

what type of component?

# internal reference(s)

|    | A         | B              | C                   | D                                    | E          | F              | G         | H            | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|-----------|--------------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem | ExtObject    | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | or Type D1     |           | lfcDoor      |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | or Type D1     |           | lfcDoor      |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100E       | or Type D1     |           | lfcDoor      |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 101        | or Type D1     |           | lfcDoor      |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 102        | or Type D1     |           | lfcDoor      |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 103        | or Type D1     |           | lfcDoor      |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 104        | or Type D1     |           | lfcDoor      |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 105        | or Type D1     |           | lfcDoor      |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |           | lfcDoor      |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |           | lfcDoor      |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |           | lfcDoor      |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |           | lfcDoor      |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Heat Pump      |           |              |               |              |                  |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |           |              |               |              |                  |           |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |           |              |               |              |                  |           |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |           |              |               |              |                  |           |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |           | objComponent |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |           | objComponent |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |           | objComponent |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |           | objComponent |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

where is the item located?

# internal references

|    | A         | B              | C                   | D                                    | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 103  | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |              |           |               |              |                  |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |              |           |               |              |                  |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |              |           |               |              |                  |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  |              |           |               |              |                  |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Heat Pump      |              |           |               |              |                  |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |              |           |               |              |                  |           |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater |              |           |               |              |                  |           |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

some items found in multiple spaces!

# descriptive information

|    | A         | B              | C                   | D                                    | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D |                |                     |                                      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E |                |                     |                                      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B |                |                     |                                      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      |                |                     |                                      | 100A       | Heat Pump      | objComponent |           |               | 1000-00-1    | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      |                |                     |                                      | 100A       | Radiant Heater | objComponent |           |               | 236S-300-1   | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      |                |                     |                                      | 100A       | Radiant Heater | objComponent |           |               | 236S-300-2   | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      |                |                     |                                      | 100A       | Radiant Heater | objComponent |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

description of product

# automated system reference

|    | A         | B              | C                   | D                                    | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       |            |                | objComponent |           |               | 1000-00-1    | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment |            | Radiant Heater | objComponent |           |               | 236S-300-1   | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment |            | Radiant Heater | objComponent |           |               | 236S-300-2   | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment |            | Radiant Heater | objComponent |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

external system information  
(if automatically created)

# component information during construction

|    | A         | B              | C                   | D                                    | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Heat Pump      | objComponent |           |               | 1000-00-1    | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-1   | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-2   | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

# component information during construction

|    | A         | B              | C                   | D                               | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|---------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                        | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                  | 100A       | Hardware item  | objComponent |           |               | 1000-00-1    | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | Radiant Heater                  | 100A       | Radiant Heater | objComponent |           |               | 236S-300-1   | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | Radiant Heater                  | 100A       | Radiant Heater | objComponent |           |               | 236S-300-2   | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | Radiant Heater                  | 100A       | Radiant Heater | objComponent |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | Radiant Heater                  | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | Radiant Heater                  | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | Radiant Heater                  | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | Radiant Heater                  | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

**serial number**  
 (manufacturer/model listed with type)

# component information during construction

|    | A         | B              | C                   | D                                    | E          | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | TypeName                             | SpaceNames | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B       | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101  | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102  | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A       | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104  | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105  | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A       | Overhead Door  | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead C                           |            |                | lfcDoor      |           |               | C600-012-03  | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead C                           |            |                | lfcDoor      |           |               | C600-012-04  | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Syst                            |            |                | objComponent |           |               | 1000-00-1    | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Syst                            |            |                | objComponent |           |               | 236S-300-1   | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Syst                            |            |                | objComponent |           |               | 236S-300-2   | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC Syst                            |            |                | objComponent |           |               | 226S-200-1   | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A       | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

installation date

# component information during construction

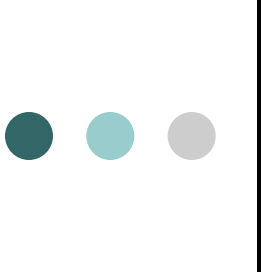
|    | A         | B              | C                   | D                                    | E           | F              | G            | H         | I             | J             | K                 | L          | M        | N                |
|----|-----------|----------------|---------------------|--------------------------------------|-------------|----------------|--------------|-----------|---------------|---------------|-------------------|------------|----------|------------------|
| 1  | Name      | CreatedBy      | CreatedOn           | Type Name                            | Space Names | Description    | ExtSystem    | ExtObject | ExtIdentifier | Serial Number | Installation Date | Tag Number | Bar Code | Asset Identifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A        | Door Type D1   | lfcDoor      |           |               | 000-01-1      | 1-Mar-2009        |            |          |                  |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B        | Door Type D1   | lfcDoor      |           |               | 000-01-2      | 1-Mar-2009        |            |          |                  |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A        | Door Type D1   | lfcDoor      |           |               | 000-01-3      | 1-Mar-2009        |            |          |                  |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101   | Door Type D1   | lfcDoor      |           |               | 000-01-4      | 1-Mar-2009        |            |          |                  |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102   | Door Type D1   | lfcDoor      |           |               | 000-01-5      | 1-Mar-2009        |            |          |                  |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A        | Door Type D1   | lfcDoor      |           |               | 000-01-6      | 1-Mar-2009        |            |          |                  |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104   | Door Type D1   | lfcDoor      |           |               | 000-01-7      | 1-Mar-2009        |            |          |                  |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105   | Door Type D1   | lfcDoor      |           |               | 000-01-8      | 1-Mar-2009        |            |          |                  |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A        | Overhead Door  | lfcDoor      |           |               | C600-012-01   | 1-Mar-2009        |            |          |                  |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A        | Overhead Door  | lfcDoor      |           |               | C600-012-02   | 1-Mar-2009        |            |          |                  |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Door                |             |                |              |           |               | C600-012-03   | 1-Mar-2009        |            |          |                  |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Door                |             |                |              |           |               | C600-012-04   | 1-Mar-2009        |            |          |                  |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Heating Pad    | objComponent |           |               | 1000-00-1     | 1-Mar-2009        |            |          |                  |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-1    | 1-Mar-2009        | RH-1       |          |                  |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-2    | 1-Mar-2009        | RH-2       |          |                  |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 226S-200-1    | 1-Mar-2009        | RH-3       |          |                  |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-3    | 1-Mar-2009        | RH-4       |          |                  |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-4    | 1-Mar-2009        | RH-5       |          |                  |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 226S-200-2    | 1-Mar-2009        | RH-6       |          |                  |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-5    | 1-Mar-2009        | RH-7       |          |                  |

tag installed during construction or operations

# component information during construction

|    | A         | B              | C                   | D                                    | E           | F              | G            | H         | I             | J            | K                | L         | M       | N               |
|----|-----------|----------------|---------------------|--------------------------------------|-------------|----------------|--------------|-----------|---------------|--------------|------------------|-----------|---------|-----------------|
| 1  | Name      | CreatedBy      | CreatedOn           | Type Name                            | Space Names | Description    | ExtSystem    | ExtObject | ExtIdentifier | SerialNumber | InstallationDate | TagNumber | BarCode | AssetIdentifier |
| 2  | Door-100A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A        | Door Type D1   | lfcDoor      |           |               | 000-01-1     | 1-Mar-2009       |           |         |                 |
| 3  | Door-100F | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B        | Door Type D1   | lfcDoor      |           |               | 000-01-2     | 1-Mar-2009       |           |         |                 |
| 4  | Door-100G | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A        | Door Type D1   | lfcDoor      |           |               | 000-01-3     | 1-Mar-2009       |           |         |                 |
| 5  | Door-101A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 101   | Door Type D1   | lfcDoor      |           |               | 000-01-4     | 1-Mar-2009       |           |         |                 |
| 6  | Door-102A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100B, 102   | Door Type D1   | lfcDoor      |           |               | 000-01-5     | 1-Mar-2009       |           |         |                 |
| 7  | Door-103A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A        | Door Type D1   | lfcDoor      |           |               | 000-01-6     | 1-Mar-2009       |           |         |                 |
| 8  | Door-104A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 104   | Door Type D1   | lfcDoor      |           |               | 000-01-7     | 1-Mar-2009       |           |         |                 |
| 9  | Door-105A | bjerold@je.com | 2009-08-17T15:01:07 | Hardware items                       | 100A, 105   | Door Type D1   | lfcDoor      |           |               | 000-01-8     | 1-Mar-2009       |           |         |                 |
| 10 | Door-100C | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A        | Overhead Door  | lfcDoor      |           |               | C600-012-01  | 1-Mar-2009       |           |         |                 |
| 11 | Door-100D | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      | 100A        | Overhead Door  | lfcDoor      |           |               | C600-012-02  | 1-Mar-2009       |           |         |                 |
| 12 | Door-100E | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      |             |                |              |           |               | 03           | 1-Mar-2009       |           |         |                 |
| 13 | Door-100B | bjerold@je.com | 2009-08-17T15:01:07 | Overhead Coiling Doors Assembly      |             |                |              |           |               | 04           | 1-Mar-2009       |           |         |                 |
| 14 | HP-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equ       |             |                |              |           |               |              | 1-Mar-2009       |           |         |                 |
| 15 | RH-1      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equ       |             |                |              |           |               | 1            | 1-Mar-2009       | RH-1      |         |                 |
| 16 | RH-2      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equ       |             |                |              |           |               | 2            | 1-Mar-2009       | RH-2      |         |                 |
| 17 | RH-3      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equ       |             |                |              |           |               | 1            | 1-Mar-2009       | RH-3      |         |                 |
| 18 | RH-4      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-3   | 1-Mar-2009       | RH-4      |         |                 |
| 19 | RH-5      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-4   | 1-Mar-2009       | RH-5      |         |                 |
| 20 | RH-6      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 226S-200-2   | 1-Mar-2009       | RH-6      |         |                 |
| 21 | RH-7      | bjerold@je.com | 2009-08-17T15:01:07 | HVAC System Components and Equipment | 100A        | Radiant Heater | objComponent |           |               | 236S-300-5   | 1-Mar-2009       | RH-7      |         |                 |

barcode, tag and asset id  
span construction and operations



# COBIE 101 session 12. component worksheet

## 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 4. cobie general overview

## objectives

describe the contents of the COBIE Component worksheet