Data Model Integrity

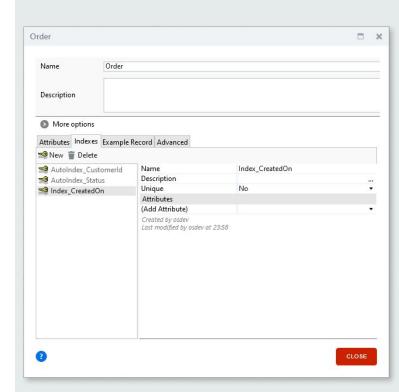
outsystems

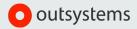
Indexes

Referential Integrity

Indexes

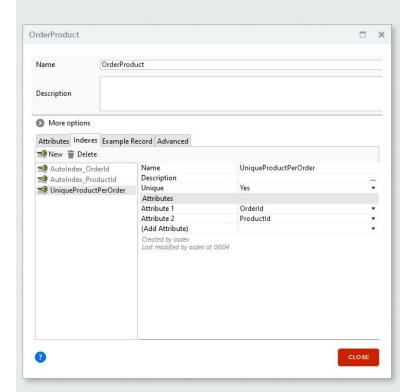
- Speed up data retrieval over certain attributes
 - Costs additional writes and storage space
 - Reference attributes have automatically created indexes
- Custom indexes can be created

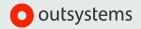




Unique Indexes

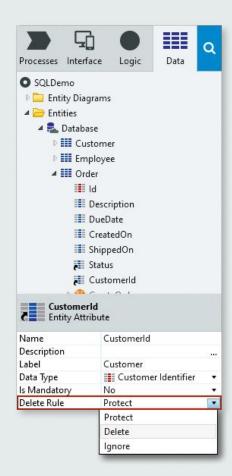
- Avoid duplicates
- Define the Index as Unique
- Combine one or more attributes

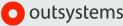




Referential Integrity

- Delete Rule property of the reference attribute
- Applied when deleting a record from the referenced Entity (e.g. Customer)
 - Protect does not allow deleting the record
 - Customer with Orders is not deleted
 - Delete deletes the record and cascades delete all the records that reference it
 - Customer and all its Orders are deleted
 - Ignore does not guarantee referential integrity
 - Customer is deleted. Orders are kept





Questions?

Thank you