

# Entity-relationship (ER) modeling and diagrams

The Cameo Data Modeler plugin brings in the following components.

- Entity relationship profile.
- Entity relationship diagram.
- Template for new ER project creation.
- Sample, demonstrating ER modeling features.
- ER to SQL (Oracle and Generic) transformation and accompanying traceability features.
- Entity-Relationship and SQL report.

The entity-relationship diagram, as the name suggests, allows you to specify entities and relationships between them. It is useful for abstract domain modeling, to provide structure for data in the domain. It is much more abstract and implementation-independent than the SQL diagram, which shows the concrete implementation of the data structure in the database.

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- [Business entity-relationship diagrams](#)
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- [Constraints between relationships](#)
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