

HIERARCHICAL MODEL COMPOSITION

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CORE SBML MODELS

Biological Content:

Reactions

Species

Parameters

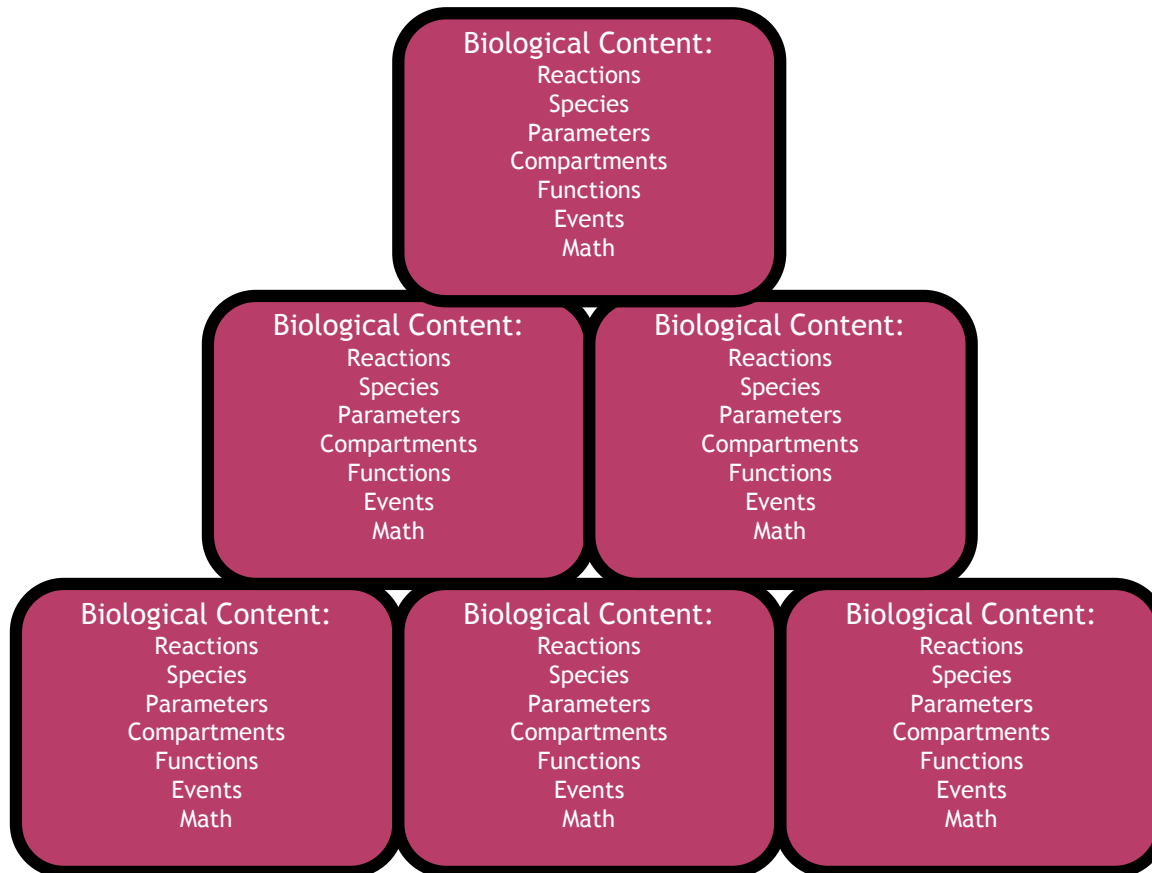
Compartments

Functions

Events

Math

HIERARCHICAL MODEL COMPOSITION MODELS ('COMP')



THREE BASIC TASKS:

- ◉ Define multiple models
- ◉ Import copies as submodels
- ◉ Connect their elements

1 DEFINE MULTIPLE MODELS

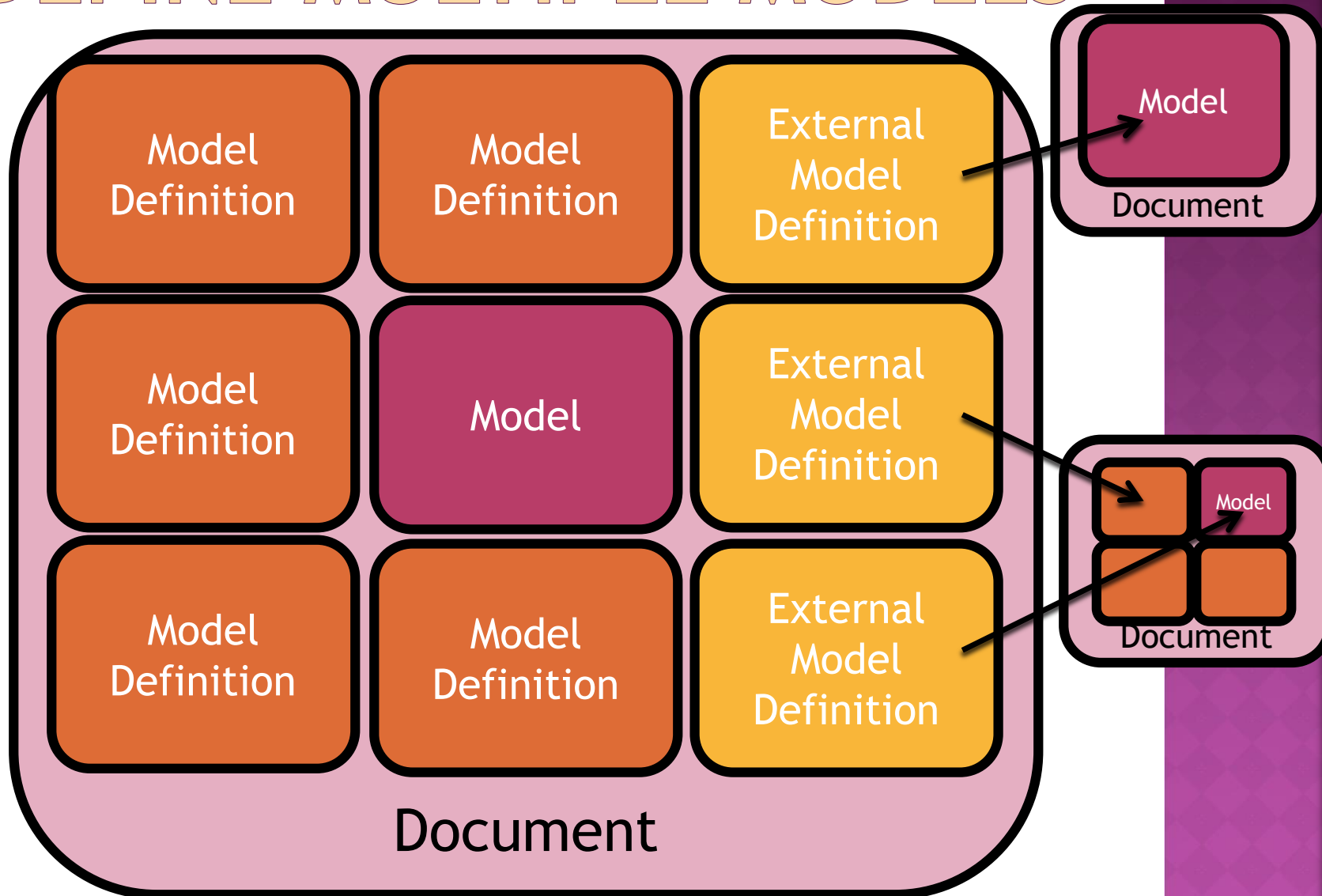


The diagram consists of a large, light purple rounded rectangle with a black border. Inside this rectangle is a smaller, dark purple rounded rectangle, also with a black border. The word 'Model' is centered in white text within the dark purple rectangle. The word 'Document' is centered in black text within the light purple rectangle, positioned below the dark purple rectangle.

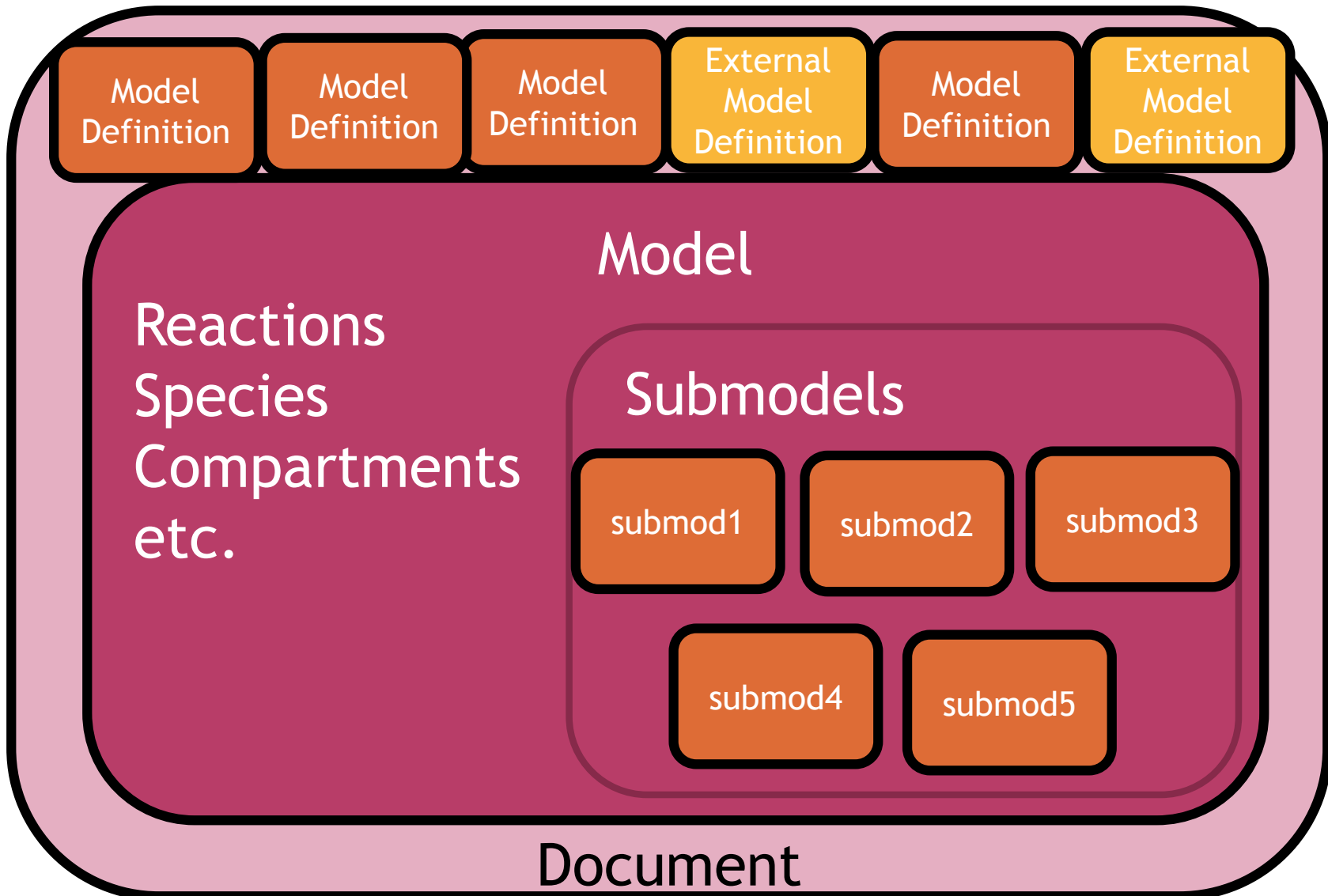
Model

Document

1 DEFINE MULTIPLE MODELS



2 IMPORT COPIES AS SUBMODELS



2 IMPORT COPIES AS SUBMODELS

Reactions
Species
Compartments
etc.

Model

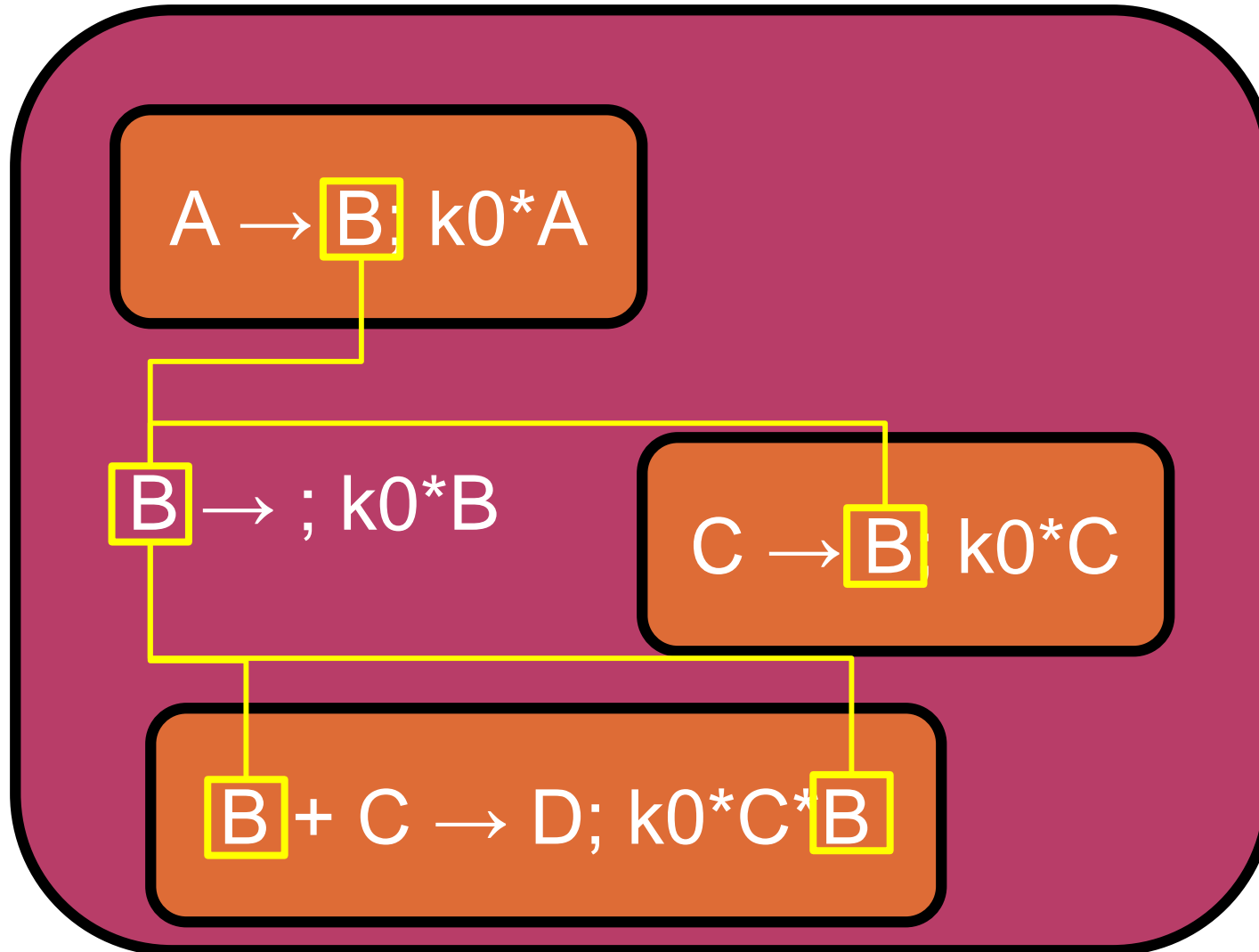
Submodels

submod1: Reactions, Species,
Compartments...

submod2: Species, Events

submod3: Reactions, Species,
Events

3 CONNECT THEIR ELEMENTS



3 CONNECT THEIR ELEMENTS

