

GumpModel

[GumpModel](#)

ModelObjects

This is the main build block for all objects, it contains a reference to the associated xml object (loaded from the metadata) and is also Annotatable, Workable, [FileHolder](#), Stateful, Propogatable, Ownable.

NamedModelObject

Is a [ModelObject](#) that is uniquely named (such as a workspace or module or project or repository or ...)

Annotatable

Can contain a list of 'info', 'warn', 'error' text messages.

Workable

Can be worked on (typically by launched commands)

FileHolder

Can contain a list of file references (directories or files).

Stateful

Holds 'state' (succeeded, failed) and 'reason' (if not Unset, e.g. 'build failed').

Propogatable

Can propogate state changes.

Ownable

Is owned by something, and knows who it's owner is