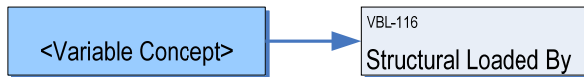


Generic AEC/FM Concept Description

Structural Loaded by

Reference	VBL-116	Version	1.0	Status	Proposal
Relationships					
History	Created 20.10.2006				
Authors	Sakari Lehtinen				
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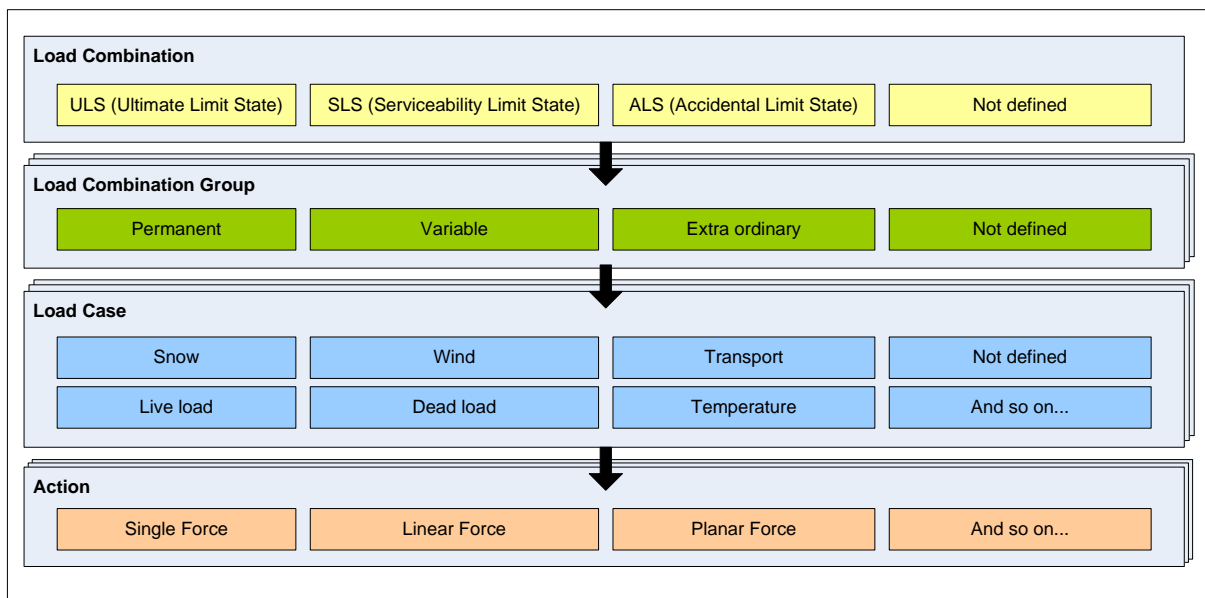
Usage in view definition diagram



Definition

There are number of load cases and load combinations that can be applied to structural analysis model. *Structural Loaded By* defines a list of all the load combinations assigned to a structural analysis model.

Load combinations have a three level hierarchy. Each *load combination* groups *combination groups*. *Combinations groups* group *load cases*. *Load cases* group *actions*.



Each level may have a load factor.

Load Combination sorts load combinations by their limit state type. There are different groups for ultimate limit state, serviceability limit state and accidental limit state.

Load Combination Group sorts load combinations by their action types. There are different groups for permanent, variable, extraordinary and user defined groups.

Load Case sorts loads by their sources. There are different groups for example for dead load and live load, wind and snow etc.

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