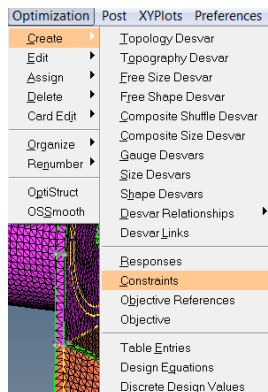


3. Optimization Constraints (file: [monitor_bracket_responses.hm](#))



As stated before, only 30% of the initial bracket volume (incl. the non design space) may be used. In the response panel the above created response named “r_vol” is referenced and an upper bound for the volume to remain after the optimization is specified

constraint =	c _ v o l	response =	r _ v o l	<input type="button" value="create"/>
<input type="checkbox"/> lower bound =	- 1 . 0 0 0 e + 2 0	<input type="button" value="update"/>		
<input checked="" type="checkbox"/> upper bound =	0 . 3 0 0	<input type="button" value="review"/>		
				<input type="button" value="return"/>

Note, that the response type “volfrac” allows to use percentages: 0.3 =30%

Save the last working steps as: **monitor_bracket_dconstraints.hm**