

**>Linear Temporal Logic allows to specify also liveness requirements - therefore, is it possible to specify liveness requirements using COMPASS?**

Indeed, it is possible to specify liveness requirements, either using the predefined patterns which are provided by COMPASS, or by specifying a generic formula directly in temporal logic.

**> Would you consider transition of (some of) the requirements from COMPASS to the new TASTE requirement specification languages, for use in model checkers of N7S or GMV, applicable to the software specification? Or would you prefer to keep the sets of requirements separate? it seems that "contracts" are quite similar to "stop conditions".**

The set of requirements will be translated into temporal logic, and will be part of the underlying model given as input to the model checkers. I was not aware of the latest development on TASTE specification languages for requirements. We need to make some analysis, but in principle which are willing to consider translating the requirements into the new languages, in order to increase tool interoperability. Regarding contracts, in COMPASS they are used for component and system design -- they can be used to specify the functional behavior of components, using pairs "assumption/guarantee".

**>What language will be used to specify safety requirements?**

Safety requirements at the lower level will be specified in temporal logic (e.g., LTL, CTL). COMPASS offers the possibility to specify requirements using higher-level patterns. The system of patterns will be ported to COMPASS, and translated into temporal logic.