TANZANITE ENGINE PARAMETERS

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* All members are static
* All members have a public set method (to specify population generator, etc.), allowing customization of the engine
* Values listed are initial values upon engine construction. Parameters without values are assumed NULL on creation.
* Many, if not most, String parameters are static final members of the applicable classes.
* List under a parameter indicates expected values, if applicable.

String POPULATION\_GENERATOR = PopulationGenerator.DEFAULT;

{PopulationGenerator.DEFAULT, PopulationGenerator.SPECIFIED, PopulationGenerator.MIXED, PopulationGenerator.RANDOM, PopulationGenerator.CLONED}

int MAX\_GENERATIONS = 100;

{Any non-negative integer value}

double TARGET\_FITNESS = 0.9;

{Any double from [0,1)}

double RANGE\_MIN = 0;

{Any double}

double RANGE\_MAX = 1;

{Any double}

String FITNESS\_STRATEGY = FitNode.STANDARD

{FitNode.STANDARD, FitNode.REVERSE, FitNode.STANDARD, FitNode.MAGNITUDE, FitNode.LOGARITHMIC, etc.}

boolean PRINT\_EVOLUTION\_STEPS = false;

boolean PRINT\_MUTATIONS = false;