Config.json Schema

Schema Version	1.3
Structure	text/json
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Last Modified Date	Jul 13 2018

option	acceptable data types	Description
voxsize	float	isotropic voxelsize assumed for production of dose volume (units: cm)
convlat	float	Lateral ray spacing used during CCCS convolution (units: cm)
convstep	float	Longitudinal step size used during CCCS convolution (units: cm)
beamlet-size	float; [float, float]	2D size of beamlet at isocenter (units: cm)
fmap-dims	float; [float, float]	2D dimensions of fluence map (MLC)
penum	float	expansion of dose calculation beyond terma bounding box (units: cm) [omnidose-full only]
kernel-extent	float	approximation parameter terminating CCCS convolution after dose spread at this radial distance (units: cm)
ntheta	uint	rebinning of dose kernel into fewer dose spread angles
nphi	uint	kernel axial rotation count
max-rev-size	[uint, uint, uint]	size of static convolution space on GPU (affects overall GPU RAM usage)
verbose	bool	enable verbose output
timing	bool	enable timing output
nbeams	uint	limit number of beams to read from *beamlist*
noreduce	bool	do not perform costly reduction to voxels within ROIs in *structures* (calculate M-matrix instead of A-matrix)
spec	string	specify name of beam spectrum definition file (w/o path)
target	string	use first structure containing this substring as target
target-exact	string	use first structure exactly matching this string as target
bbox-roi	string	use first structure containing this substring as dose calculation volume
beamlist	string	path to file containing specification of beams to calculate
structures	string	path to file containing names of PTV and OARS to use in M-->A matrix reduction (if *noreduce* == false)
fmaps	string	path to file containing beam orientation specifications and fluence map intensities
ctlut	string	path to file containing CT# to material mass density table.