

## Dialog Defaults:

Dialog entries should normally use, as a default, the values as used the previous time the data was entered anywhere (including command line, or related dialogs). These defaults should be remembered between sessions. The exception is for the key distinguishing data for the object. The command line defaults, however, should be fixed.

### Example: New Vector Dialog

For everything but the *Field or Column* entry, the previously entered value is used as the default. The defaults are remembered between sessions.

So, for example the *FileName* entry is set to the last value of a data file name entered anywhere in kst: (From the command line, from the data wizard, from the New Vector Dialog, New Matrix Dialog, New Scalar Dialog, or New String Dialog).

The following table gives an incomplete list of variables whose value is kept and set as a default, and where they are used:

Field	Type	Location
FileName	URL	Command line, Data Wizard, New Vector Dialog, New Matrix Dialog, New Scalar Dialog, New String Dialog
StartFrameV	int	Command line, Data Wizard, New Vector Dialog
NumFramesV	int	Command line, Data Wizard, New Vector Dialog
CountFromEnd	bool	Command line, Data Wizard, New Vector Dialog
ReadToEnd	bool	Command line, Data Wizard, New Vector Dialog
SubSample	bool	Command line, Data Wizard, New Vector Dialog
DensityV (read 1 sample per...)	int	Command line, Data Wizard, New Vector Dialog
FramesPerSamp	int	Command line, Data Wizard, New Vector Dialog
BoxcarFilterFirst	bool	Command line, Data Wizard, New Vector Dialog
GenerateV	bool	New Vector Dialog
GenVNumSamp	int	Command Line, New Vector Dialog
GenVMin	double	Command Line, New Vector Dialog
GenVMax	double	Command Line, New Vector Dialog
StartFrameXM	int	New Matrix Dialog
StartFrameYM	int	New Matrix Dialog

NumFrameXM	int	New Matrix Dialog
NumFrameYM	int	New Matrix Dialog
SubSampleM	bool	New Matrix Dialog
DensityM (read 1 sample per...)	int	New Matrix Dialog
BoxcarFilterM	bool	New Matrix Dialog
ScaleMinXM	double	New Matrix Dialog
ScaleMinYM	double	New Matrix Dialog
ScaleStepXM	double	New Matrix Dialog
ScaleStepYM	double	New Matrix Dialog
BinMinH	double	New Histogram Dialog
BinMaxH	double	New Histogram Dialog
NumBinsH	int	New Histogram Dialog
AutoBinH	bool	New Histogram Dialog
NormalizationH	enum	New Histogram Dialog
ApodiseS	bool	FFT options (new Spectrum, Data Wizard), Command line
ApodizeFunction S	enum?	FFT options (new Spectrum, Data Wizard), Command line
ApodizeSigmaS	double	FFT options (new Spectrum, Data Wizard), Command line
RemoveMeanS	bool	FFT options (new Spectrum, Data Wizard), Command line
InterleaveS	bool	FFT options (new Spectrum, Data Wizard), Command line
FFTLenS	int	FFT options (new Spectrum, Data Wizard), Command line
InterpolateS	bool	FFT options (new Spectrum, Data Wizard), Command line
RateS	double	FFT options (new Spectrum, Data Wizard), Command line
VecUnitsS	string	FFT options (new Spectrum, Data Wizard), Command line
RateUnits	string	FFT options (new Spectrum, Data Wizard), Command line
OutputS	enum?	FFT options (new Spectrum, Data Wizard), Command line
ColorMapI	bool	Command Line, New Image Dialog

ContourMapI	bool	Command Line, New Image Dialog
PalletI	??	New Image Dialog
MinZI (lower threshold)	double	New Image Dialog
MaxZI (upper threshold)	double	New Image Dialog
RealTimeAutoZI	bool	New Image Dialog
AutoZPercentI	double	New Image Dialog
NContourI	int	New Image Dialog
ContourLineWeightI	???	New Image Dialog
ContourLineColor	???	New Image Dialog
ContourLineVariable	bool	New Image Dialog
ShowPointsC	bool	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard) except for in New Histogram which overrides w/ fixed default.
PointTypeC	enum	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard) except for in New Histogram which overrides w/ fixed default.
PointDensityC	Enum	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard) except for in New Histogram which overrides w/ fixed default.
ShowLinesC	Bool	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard) except for in New Histogram which overrides w/ fixed default.
LineTypeC	enum	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard) except for in New Histogram which overrides w/ fixed default.
LineWeightC	int	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard) except for in New Histogram which overrides w/ fixed default.
BargraphC	bool	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard) except for in New Histogram which overrides w/ fixed default.
BargraphTypeC	bool	CurveAppearance (New Curve, New PSD, NewEquation, DataWizard, New Histogram)

WidowSizeCSD	int	New Spectrogram Dialog
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