

export parameters

Parameter solutions of a calibrator observation can be used to correct a target observation. Usually these parameter solutions have to be exported (transferred) from the parmdb of the calibrator observation to another parmdb to make the solution time independent by reducing the time axis to a single value. However, if the calibrator and target are observed at the same time (with different beams), it is possible to directly use the calibrator solution parmdb as input for the correction of the target.

There are two programs available:

- **parmexportcal** can be used to export complex gains. It makes the solutions time-independent by taking for each frequency channel the median of the amplitudes and the phase of a given time slot (default the last one). It is possible to convert the solutions from amplitude/phase to real/imaginary or vice-versa.
- **parmdbm** has an **export** command that can be used to export solutions. It is described on the [parmdbm](#) page.

parmexportcal can be run like:

```
parmexportcal param1=value param2=value ...
```

Running it with the -h option shows the available parameters and their possible default values.

Parameter	type	default	description
in	string		Name of the input parmdb.
out	string		Name of the output parmdb.
append	bool	false	Append to the output parmdb?
type	string	keep	How to write output: keep=same as input, polar=ampl/phase, complex=real/imag
skiplast	bool	True	Ignore last time solution (which can be bad)?
phaseindex	integer	-1	>=0 means take phase at given index
zerophase	bool	false	Make all output phases zero?
amplperc	float	10.	Print warning if an amplitude deviates more than this percentage from the median amplitude.

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