data_convert.exe

Parameters:

```
 (string)   -id   input directory
 (string)   -od   output directory
 (string)   -iodf input-output data format
 (int)      -nlr  Nlook Row (1 = no multi-looking)
 (int)      -nlc  Nlook Col (1 = no multi-looking)
 (int)      -ssr  Sub-sampling Row (1 = no subsampling)
 (int)      -ssc  Sub-sampling Col (1 = no subsampling)
 (int)      -ofr  Offset Row
 (int)      -ofc  Offset Col
 (int)      -fnr  Final Number of Row
 (int)      -fnc  Final Number of Col
 (int)      -sym  symmetrisation (no: 0, yes: 1)
```

Optional Parameters:

```
 (int)      -mem  Allocated memory for blocksize determination (in Mb)
 (string)   -errf memory error file
 (noarg)    -help displays this message
 (noarg)    -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2          input : quad-pol S2     output : quad-pol S2
 S2C3        input : quad-pol S2     output : covariance C3
 S2C4        input : quad-pol S2     output : covariance C4
 S2T3        input : quad-pol S2     output : coherency T3
 S2T4        input : quad-pol S2     output : coherency T4
 S2SPPpp1    input : quad-pol S2     output : dual-pol SPP mode pp1
 S2SPPpp2    input : quad-pol S2     output : dual-pol SPP mode pp2
 S2SPPpp3    input : quad-pol S2     output : dual-pol SPP mode pp3
 S2IPPpp4    input : quad-pol S2     output : intensities IPP mode pp4
 S2IPPpp5    input : quad-pol S2     output : intensities IPP mode pp5
 S2IPPpp6    input : quad-pol S2     output : intensities IPP mode pp6
 S2IPPpp7    input : quad-pol S2     output : intensities IPP mode pp7
 S2IPPfull   input : quad-pol S2     output : intensities IPP mode full
 S2C2pp1     input : quad-pol S2     output : covariance C2 mode pp1
 S2C2pp2     input : quad-pol S2     output : covariance C2 mode pp2
 S2C2pp3     input : quad-pol S2     output : covariance C2 mode pp3
 S2C2lhv     input : quad-pol S2     output : covariance C2 Compact mode
Left-HV
 S2C2rhv     input : quad-pol S2     output : covariance C2 Compact mode
Right-HV
 S2C2pi4     input : quad-pol S2     output : covariance C2 Compact mode
Pi/4
 S2SPPlhv    input : quad-pol S2     output : dual-pol Compact mode Left-
HV
```

```
 S2SPPrhv   input : quad-pol S2     output : dual-pol Compact mode Right-
HV
 S2SPPpi4   input : quad-pol S2     output : dual-pol Compact mode Pi/4
 C2         input : covariance C2   output : covariance C2
 C2IPPpp5   input : covariance C2   output : intensities IPP mode pp5
 C2IPPpp6   input : covariance C2   output : intensities IPP mode pp6
 C2IPPpp7   input : covariance C2   output : intensities IPP mode pp7
 C3         input : covariance C3   output : covariance C3
 C3T3       input : covariance C3   output : coherency T3
 C3C2pp1    input : covariance C3   output : covariance C2 mode pp1
 C3C2pp2    input : covariance C3   output : covariance C2 mode pp2
 C3C2pp3    input : covariance C3   output : covariance C2 mode pp3
 C3C2lhv    input : covariance C3   output : covariance C2 Compact mode
Left-HV
 C3C2rhv    input : covariance C3   output : covariance C2 Compact mode
Right-HV
 C3C2pi4    input : covariance C3   output : covariance C2 Compact mode
Pi/4
 C3IPPpp4   input : covariance C3   output : intensities IPP mode pp4
 C3IPPpp5   input : covariance C3   output : intensities IPP mode pp5
 C3IPPpp6   input : covariance C3   output : intensities IPP mode pp6
 C3IPPpp7   input : covariance C3   output : intensities IPP mode pp7
 T3         input : coherency T3    output : coherency T3
 T3C3       input : coherency T3    output : covariance C3
 T3C2pp1    input : coherency T3    output : covariance C2 mode pp1
 T3C2pp2    input : coherency T3    output : covariance C2 mode pp2
 T3C2pp3    input : coherency T3    output : covariance C2 mode pp3
 T3C2lhv    input : coherency T3    output : covariance C2 Compact mode
Left-HV
 T3C2rhv    input : coherency T3    output : covariance C2 Compact mode
Right-HV
 T3C2pi4    input : coherency T3    output : covariance C2 Compact mode
Pi/4
 T3IPPpp4   input : coherency T3    output : intensities IPP mode pp4
 T3IPPpp5   input : coherency T3    output : intensities IPP mode pp5
 T3IPPpp6   input : coherency T3    output : intensities IPP mode pp6
 T3IPPpp7   input : coherency T3    output : intensities IPP mode pp7
 C4         input : covariance C4   output : covariance C4
 C4T4       input : covariance C4   output : coherency T4
 C4C3       input : covariance C4   output : covariance C3
 C4T3       input : covariance C4   output : coherency T3
 C4C2pp1    input : covariance C4   output : covariance C2 mode pp1
 C4C2pp2    input : covariance C4   output : covariance C2 mode pp2
 C4C2pp3    input : covariance C4   output : covariance C2 mode pp3
 C4C2lhv    input : covariance C4   output : covariance C2 Compact mode
Left-HV
 C4C2rhv    input : covariance C4   output : covariance C2 Compact mode
Right-HV
 C4C2pi4    input : covariance C4   output : covariance C2 Compact mode
Pi/4
 C4IPPpp4   input : covariance C4   output : intensities IPP mode pp4
 C4IPPpp5   input : covariance C4   output : intensities IPP mode pp5
 C4IPPpp6   input : covariance C4   output : intensities IPP mode pp6
 C4IPPpp7   input : covariance C4   output : intensities IPP mode pp7
 C4IPPfull  input : covariance C4   output : intensities IPP mode full
 T4         input : coherency T4    output : coherency T4
 T4C4       input : coherency T4    output : covariance C4
 T4C3       input : coherency T4    output : covariance C3
```

```
 T4T3       input : coherency T4    output : coherency T3
 T4C2pp1    input : coherency T4    output : covariance C2 mode pp1
 T4C2pp2    input : coherency T4    output : covariance C2 mode pp2
 T4C2pp3    input : coherency T4    output : covariance C2 mode pp3
 T4C2lhv    input : coherency T4    output : covariance C2 Compact mode
Left-HV
 T4C2rhv    input : coherency T4    output : covariance C2 Compact mode
Right-HV
 T4C2pi4    input : coherency T4    output : covariance C2 Compact mode
Pi/4
 T4IPPpp4   input : coherency T4    output : intensities IPP mode pp4
 T4IPPpp5   input : coherency T4    output : intensities IPP mode pp5
 T4IPPpp6   input : coherency T4    output : intensities IPP mode pp6
 T4IPPpp7   input : coherency T4    output : intensities IPP mode pp7
 T4IPPfull  input : coherency T4    output : intensities IPP mode full
 T6         input : coherency T6    output : coherency T6
 SPP        input : dual-pol SPP    output : dual-pol SPP
 SPPIPP     input : dual-pol SPP    output : intensities IPP
 SPPC2      input : dual-pol SPP    output : covariance C2
 IPP        input : intensities IPP output : intensities IPP
```

---

data_convert_dual.exe

Parameters:

```
 (string)  -idm  input master directory
 (string)  -ids  input slave directory
 (string)  -od   output directory
 (string)  -iodf input-output data format
 (int)     -nlr  Nlook Row (1 = no multi-looking)
 (int)     -nlc  Nlook Col (1 = no multi-looking)
 (int)     -ssr  Sub-sampling Row (1 = no subsampling)
 (int)     -ssc  Sub-sampling Col (1 = no subsampling)
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -sym  symmetrisation (no: 0, yes: 1)
```

Optional Parameters:

```
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 S2T6       input : 2*quad-pol S2   output : coherency T6
```

---

data_convert_dual_pp.exe

Parameters:

```
 (string)  -idm  input master directory
 (string)  -ids  input slave directory
 (string)  -od   output directory
 (string)  -iodf input-output data format
 (int)     -nlr  Nlook Row (1 = no multi-looking)
 (int)     -nlc  Nlook Col (1 = no multi-looking)
 (int)     -ssr  Sub-sampling Row (1 = no subsampling)
 (int)     -ssc  Sub-sampling Col (1 = no subsampling)
 (int)     -ofr  Offset Row
 (int)     -ofc  Offset Col
 (int)     -fnr  Final Number of Row
 (int)     -fnc  Final Number of Col
 (int)     -sym  symmetrisation (no: 0, yes: 1)
```

Optional Parameters:

```
 (int)     -mem  Allocated memory for blocksize determination (in Mb)
 (string)  -errf memory error file
 (noarg)   -help displays this message
 (noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

```
 SPPT4      input : 2*dual-pol SPP  output : coherency T4
```