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int MPI_Sendrecv(void *sendbuf, int sendcount,
MPI_Datatype sendtype, int dest, int sendtag, void
*recvbuf, int recvcount, MPI_Datatype recvtype, int
source, int recvtag, MPI_Comm comm, MPI_Status *status)
```

- Sendbuf: Initial address of send buffer (choice)
- Sendcount: Number of elements in send buffer (integer)
- Sendtype: Type of elements in send buffer (handle)
- Dest: Rank of destination (integer)
- Sendtag: Send tag (integer)
- Recvcount: Number of elements in receive buffer (integer)
- Recvtype: Type of elements in receive buffer (handle)
- Source: Rank of source (integer)
- Recvtag: Receive tag (integer)
- Comm: Communicator (handle)
- Recvbuf: Initial address of receive buffer (choice)
- Status: Status object (Status). This refers to the receive operation.