

## 5.6 Exchanges

[Return to DidoDLL](#)

```

CREATE exchange UniDido.TopOffDining
  ( FromAccount Hash.
    ToAccount Hash
  ) AS
FROM OurDido.StudentAccount
  TO OurDido.DinningHallAccount
( AccountsID : Hash;
  StudentId : SELECT genesis
                FROM OurDido.StudentAccount STUDENT_ACCT
                WHERE STUDENT_ACCT.AccountId = $FromAccount.;
  AccountId : SELECT genesis
                FROM OurDido.DinningHallAccount DINING_ACCT
                WHERE DINING_ACCT.AccountId = $ToAccount.;
)
AS TRANSACTION
( TRANSFER FROM StudentId::CURRENT
  TO OurDido.DinningHallAccount
  AMOUNT $AmountToTransfer.
  TIMEOUT = 10*60000 --- 10 minutes
  WHEN Success
    THEN POST INFORMATION
    TO Log, Notify
  OBJECTS OurDido.StudentAccount,
           OurDido.DinningHallAccount
  TEXT The $AmountToTransfer. successful BETWEEN $FromDido. AND
$toDido
  WHEN failure
    THEN POST WARNING
    TO log, Notify, Alert
  OBJECTS OurDido.StudentAccount,
           OurDido.DinningHallAccount,
           OurDido.Administrator
);

```

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