

SQL Server Integration Services

Data served up the way you want

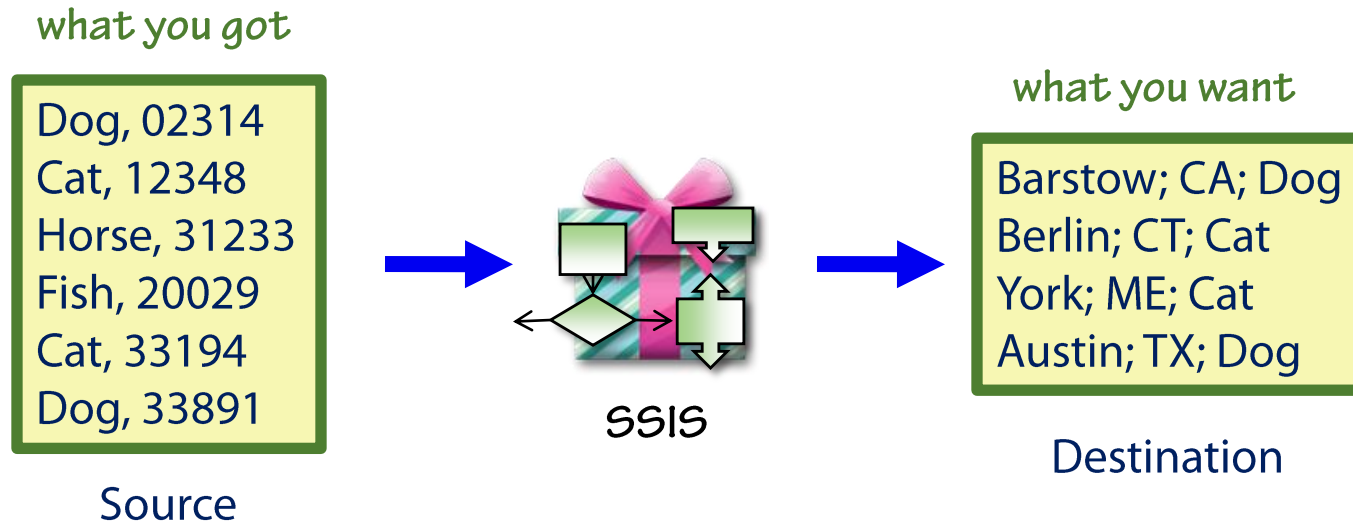


Overview

- How it works
- Package
- Control Flow
- Data Flows
- Data Sources
- Deployment

You can always get what you want

- **Moving data is easy, controlling it takes a ^{package} program**



Package

- Business Intelligence Development Studio
- Unit of execution
- Principle unit of deployment

Control Flow

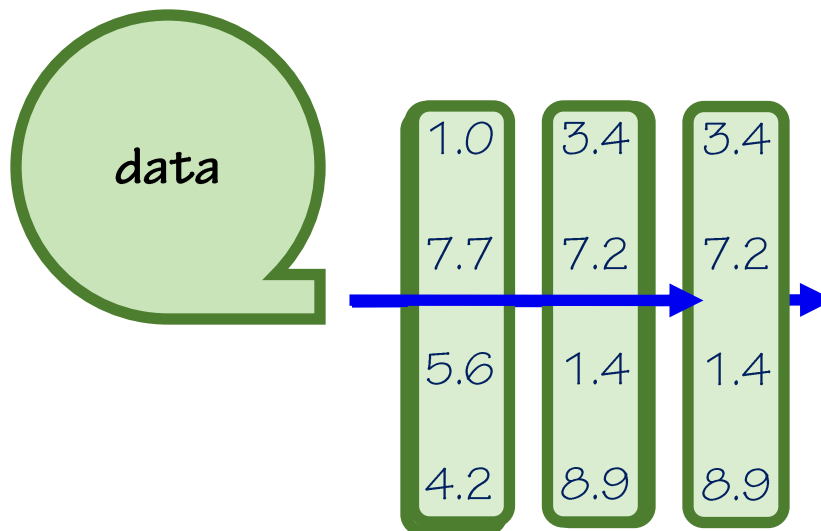
- The "*program*"
 - procedural *this, then that, if this then that ...*
- Containers, and Tasks
- Not necessarily linear
 - multiple things at once

Data Flow

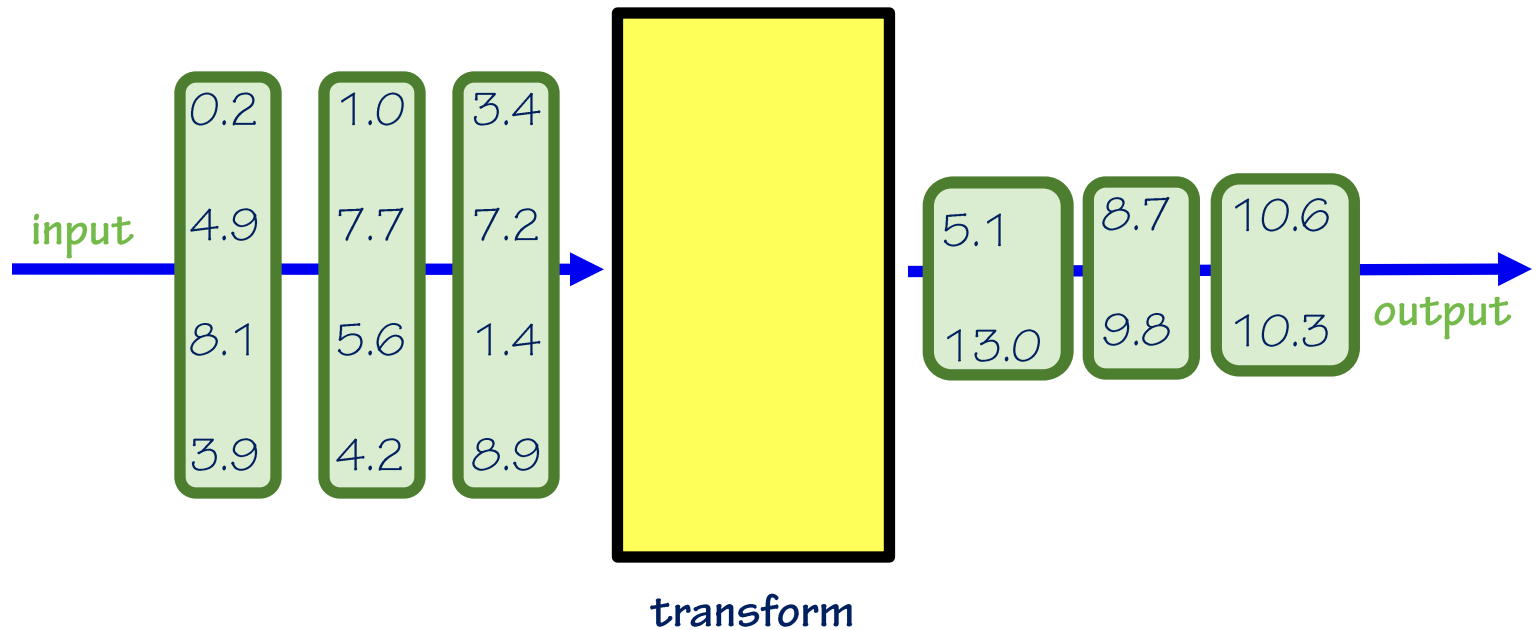
- Process streams of rows
- Source
 - create/consume
- Transform

Data Flow Data Source

- Defines access to physical medium
- Input or output
 - like stream of rows



Data Flow Transform



Package Deployment

- Command line
- SQL Server
- SQL Agent

Summary

- Packages
- Control Flow
- Variables
- Data Flow
- Transforms
- Connection Managers
- Deployment

References

- Directory Opus <http://www.gpsoft.com.au/>