What is claimed is:

1. A computer-implemented method, comprising:

receiving, by a processor, a data mapping describing an association between one or more fields of a data storage location of a data source and one or more fields of a data storage location of a target destination;

generating, by the processor, a data transfer execution plan from the data mapping to transfer data from the data source to the target destination, the data transfer execution plan comprising a determined degree of parallelism to use when transferring the data; and

transferring, by the processor, the data from the storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan.

2. The method of claim 1, further comprising:

receiving information describing the data source, the data source comprising the data to be transferred to the target destination; and

receiving information describing the target destination, the target destination to receive the data from the data source.

3. The method of claim 1, further comprising:

receiving a request to transfer the data from the data storage location of the data source to the data storage location of the target destination.

4. The method of claim 1, further comprising:

analyzing the data from the data source to determine a degree of parallelism to use when transferring the data between the data source and the target destination.

5. The method of claim 1, further comprising:

determining a degree of parallelism to use when transferring the data between the data source and the target destination.

6. The method of claim 1, further comprising:

providing a manifest comprising information describing a result produced when transferring the data from the data source to the target destination.

7. The method of claim 1, wherein the data is transferred from the data source to the target destination in parallel according to the determined degree of parallelism.

8. A system, comprising:

a memory; and

a processor coupled with the memory to:

receive a data mapping describing an association between one or more fields of a data storage location of a data source and one or more fields of a data storage location of a target destination;

generate a data transfer execution plan from the data mapping to transfer data from the data source to the target destination, the data transfer execution plan comprising a determined degree of parallelism to use when transferring the data; and

transfer the data from the storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan.

9. The system of claim 8, wherein the processor further is to:

receive information describing the data source, the data source comprising the data to be transferred to the target destination; and

receive information describing the target destination, the target destination to receive the data from the data source.

10. The system of claim 8, wherein the processor further is to:

receive a request to transfer the data from the data storage location of the data source to the data storage location of the target destination.

11. The system of claim 8, wherein the processor further is to:

analyze the data from the data source to determine a degree of parallelism to use when transferring the data between the data source and the target destination.

12. The system of claim 8, wherein the processor further is to:

determine a degree of parallelism to use when transferring the data between the data source and the target destination.

13. The system of claim 8, wherein the processor further is to:

provide a manifest comprising information describing a result produced when transferring the data from the data source to the target destination.

14. A computer readable medium having instructions recorded thereon that, when executed by a processor, cause the processor to perform operations comprising:

receiving, by the processor, a data mapping describing an association between one or more fields of a data storage location of a data source and one or more fields of a data storage location of a target destination;

generating, by the processor, a data transfer execution plan from the data mapping to transfer data from the data source to the target destination, the data transfer execution plan comprising a determined degree of parallelism to use when transferring the data; and

transferring, by the processor, the data from the storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan.

15. The computer readable medium of claim 14, further comprising:

receiving information describing the data source, the data source comprising the data to be transferred to the target destination; and

receiving information describing the target destination, the target destination to receive the data from the data source.

16. The computer readable medium of claim 14, further comprising:

receiving a request to transfer the data from the data storage location of the data source to the data storage location of the target destination.

17. The computer readable medium of claim 14, further comprising:

analyzing the data from the data source to determine a degree of parallelism to use when transferring the data between the data source and the target destination.

18. The computer readable medium of claim 14, further comprising:

determining a degree of parallelism to use when transferring the data between the data source and the target destination.

19. The computer readable medium of claim 14, further comprising:

providing a manifest comprising information describing a result produced when transferring the data from the data source to the target destination.

20. The computer readable medium of claim 14, wherein the data is transferred from the data source to the target destination in parallel according to the determined degree of parallelism.

CLAIMS

1. A computer-implemented method, comprising:

receiving, by a processor, a data mapping describing an association between one or more fields of a data storage location of a data source and one or more fields of a data storage location of a target destination, the data storage location of the data source comprising a structure and an organization;

analyzing, by the processor, the structure and the organization of the data storage location of the data source to determine a degree of parallelism for transferring the data from the data storage location of the data source to the data storage location of the target destination;

generating, by the processor, a data transfer execution plan from the data mapping and the degree of parallelism to transfer data from the data source to the target destination; and

transferring, by the processor, the data from the data storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan.

2. The method of claim 1, further comprising:

receiving information describing the data source, the information describing the data source comprising the data to be transferred to the target destination; and

receiving information describing the target destination, the target destination configured to receive the data from the data source.

3. The method of claim 1, further comprising:

receiving a request to transfer the data from the data storage location of the data source to the data storage location of the target destination.

4. The method of claim 1, wherein determining the degree of parallelism further comprises:

analyzing, by the processor, the data from the data source to identify data attribute information associated with parallel processing, the data attribute information used when determining the degree of parallelism.

5. The method of claim 4, wherein the data attribute information includes at least one of a data structure attribute, a data storage attribute or a data distribution attribute.

6. The method of claim 1, further comprising:

providing a manifest comprising information describing a result produced responsive to transferring the data from the data source to the target destination.

7. The method of claim 1, wherein the transferring of the data from the data storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan further comprises transferring the data in parallel according to the determined degree of parallelism.

8. A system, comprising:

a memory; and

a processor coupled with the memory to:

receive a data mapping describing an association between one or more fields of a data storage location of a data source and one or more fields of a data storage location of a target destination, the data storage location of the data source comprising a structure and an organization;

analyze the structure and the organization of the data storage location of the data source to determine a degree of parallelism for transferring the data from the data storage location of the data source to the data storage location of the target destination;

generate a data transfer execution plan from the data mapping and the degree of parallelism to transfer data from the data source to the target destination; and

transfer the data from the data storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan.

9. The system of claim 8, wherein the processor is further configured to:

receive information describing the data source, the information comprising the data to be transferred to the target destination; and

receive information describing the target destination, the target destination configured to receive the data from the data source.

10. The system of claim 8, wherein the processor is further configured to:

receive a request to transfer the data from the data storage location of the data source to the data storage location of the target destination.

11. The system of claim 8, wherein the processor is further configured to:

analyze the data from the data source to identify data attribute information associated with parallel processing, the data attribute information being used to determine the degree of parallelism.

12. The system of claim 11, wherein the data attribute information includes at least one of a data structure attribute, a data storage attribute or a data distribution attribute.

13. The system of claim 8, wherein the processor is further configured to:

provide a manifest comprising information describing a result produced responsive to transferring the data from the data source to the target destination.

14. A non-transitory computer readable storage medium having instructions recorded thereon that, when executed by a processor, cause the processor to perform operations comprising:

receiving, by the processor, a data mapping describing an association between one or more fields of a data storage location of a data source and one or more fields of a data storage location of a target destination, the data storage location of the data source comprising a structure and an organization;

analyzing, by the processor, the structure and the organization of the data storage location of the data source to determine a degree of parallelism for transferring the data from the data storage location of the data source to the data storage location of the target destination;

generating, by the processor, a data transfer execution plan from the data mapping and the degree of parallelism to transfer data from the data source to the target destination; and

transferring, by the processor, the data from the data storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan.

15. The non-transitory computer readable storage medium of claim 14, said instructions causing the processor to further perform operations comprising:

receiving information describing the data source, the information describing the data source comprising the data to be transferred to the target destination; and

receiving information describing the target destination, the target destination configured to receive the data from the data source.

16. The non-transitory computer readable storage medium of claim 14, said instructions causing the processor to further perform operations comprising:

receiving a request to transfer the data from the data storage location of the data source to the data storage location of the target destination.

17. The non-transitory computer readable storage medium of claim 14, wherein the determining the degree of parallelism further comprises:

analyzing the data from the data source to identify data attribute information associated with parallel processing, the data attribute information used when determining the degree of parallelism.

18. The non-transitory computer readable storage medium of claim 17, wherein the data attribute information includes at least one of a data structure attribute, a data storage attribute or a data distribution attribute.

19. The non-transitory computer readable storage medium of claim 14, said instructions causing the processor to further perform operations comprising:

providing a manifest comprising information describing a result produced responsive to transferring the data from the data source to the target destination.

20. The non-transitory computer readable storage medium of claim 14, wherein the transferring of the data from the data storage location of the data source to the data storage location of the target destination using the generated data transfer execution plan further comprises transferring the data in parallel according to the determined degree of parallelism.