

What is claimed is:

1. A method for processing data in a data processing system, the method including:
receiving input data by the data processing system, the input data provided by an
5 application executing on the data processing system;
determining a characteristic of the input data;
identifying, by the application, a dynamic component from multiple available
dynamic components based on the determined characteristic, the multiple available
dynamic components being stored in a data storage system;
10 dynamically loading the identified dynamic component into the application and
processing the input data using the identified dynamic component;
determining one or more performance metrics associated with the processing of the
input data using the identified dynamic component loaded into the application; and
characterised in that the method further comprises:
15 based on an identifier of the identified dynamic component, aggregating the one or
more performance metrics of the processing of the input data using the identified dynamic
component loaded into the application with performance metrics of other executions of the
identified dynamic component loaded into one or more other applications.
- 20 2. The method of claim 1 wherein the processing further includes storing the one or
more performance metrics in an in-memory data store.
3. The method of claim 2, wherein the processing further includes transferring the
stored one or more performance metrics to a persistent data store.
- 25 4. The method of claim 1, further including displaying the one or more performance
metrics to a user.
5. The method of any preceding claim wherein the one or more performance metrics
30 associated with the processing of the input data using the identified dynamic component
are one or more of:
the number of records read;
the number of records written;
the number of bytes read;
35 the number of bytes written;
the processor time used;

the elapsed time;
the number of executions of the identified dynamic component;
the number of failed executions;
the average record processing rate;
5 the average byte processing rate.

6. A computer-readable storage medium storing a computer program for processing data in a data processing system, the computer program including instructions for causing a computing system to carry out the method of any of claims 1 to 5.

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7. A computing system for processing data, the computing system including:
an input device or port configured to receive input data; and
at least one processor configured to process data according to the method of any of claims 1 to 5.

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