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DATA SYSTEM CONFIGURED TO TRANSPARENTLY CACHE DATA OF DATA SOURCES AND ACCESS THE CACHED DATA

DOCUMENT ID	DATE PUBLISHED
US 20200349163 A1	2020-11-05

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APPLICATION NO	DATE FILED
16/861048	2020-04-28

DOMESTIC PRIORITY (CONTINUITY DATA)
us-provisional-application US 62840928 20190430

US CLASS CURRENT:
1/1

CPC CURRENT		
TYPE	CPC	DATE
CPCI	G 06 F 16/182	2019-01-01
CPCI	G 06 F 16/248	2019-01-01
CPCI	G 06 F 16/24552	2019-01-01
CPCI	G 06 F 16/24542	2019-01-01
CPCI	G 06 F 16/137	2019-01-01
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<input type="checkbox"/>		3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20170371926 A1	2017-12-28	60677616	28	SELF-SERVICE DATA PLATFORM

Abstract

The disclosed embodiments include a method for caching by a data system. The method includes automatically caching a portion of a data object from an external data source to a local cluster of nodes in accordance with a unit of caching. The portion of the data object can be selected for caching based on a frequency of accessing the portion of the data object. The portion of the data object in the cache is mapped to the external data source in accordance with a unit of hashing. The method further includes, responsive to the data system receiving a query for data stored in the external data source, obtaining query results that satisfy the received query by reading the portion of the cached data object instead of reading the data object from the external data source.

Background/Summary

CROSS-REFERENCE TO RELATED APPLICATION

[0001] This application claims priority to U.S. provisional patent application Ser. No. 62/840,928 filed Apr. 30, 2019 and titled "CLOUD CACHING SOLUTION," which is incorporated herein in its entirety by this reference thereto.