

Datawarehouse by Ph. Campos

Use the couple MySQL / Infobright to build a datawarehouse.

Technical, financial reasons.



Datawarehouse by Ph. Campos

- Presentation of the specificities of a datawarehouse
 - A datawarehouse is maintained separately from the operational databases of the organisation
 - A datawarehouse has a different structure of data than the operational databases (snowflakes or star schemas)
 - A datawarehouse is mainly used for reporting purpose based on static data
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A datawarehouse is maintained separately from the operational databases : a datawarehouse can be installed on separate hardware, different system technology, different cycle of living...

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A datawarehouse has a different structure of data than the operational databases (snowflakes or star schemas) : use of DSS software leads to avoid the third normal form for the structure of data.

Too much complexity for querying.

Only dimensions and facts

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A datawarehouse is mainly used for reporting purpose based on static data : this means mainly select, few updates.
No need for transactional system.

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All the above conducts to make the MySQL/Infobright choice best.

No transaction : MySQL has natively a non transactional engine MyISAM

Static data : Infobright manages compressed data

Use of SQL language : MySQL offers the full support of SQL

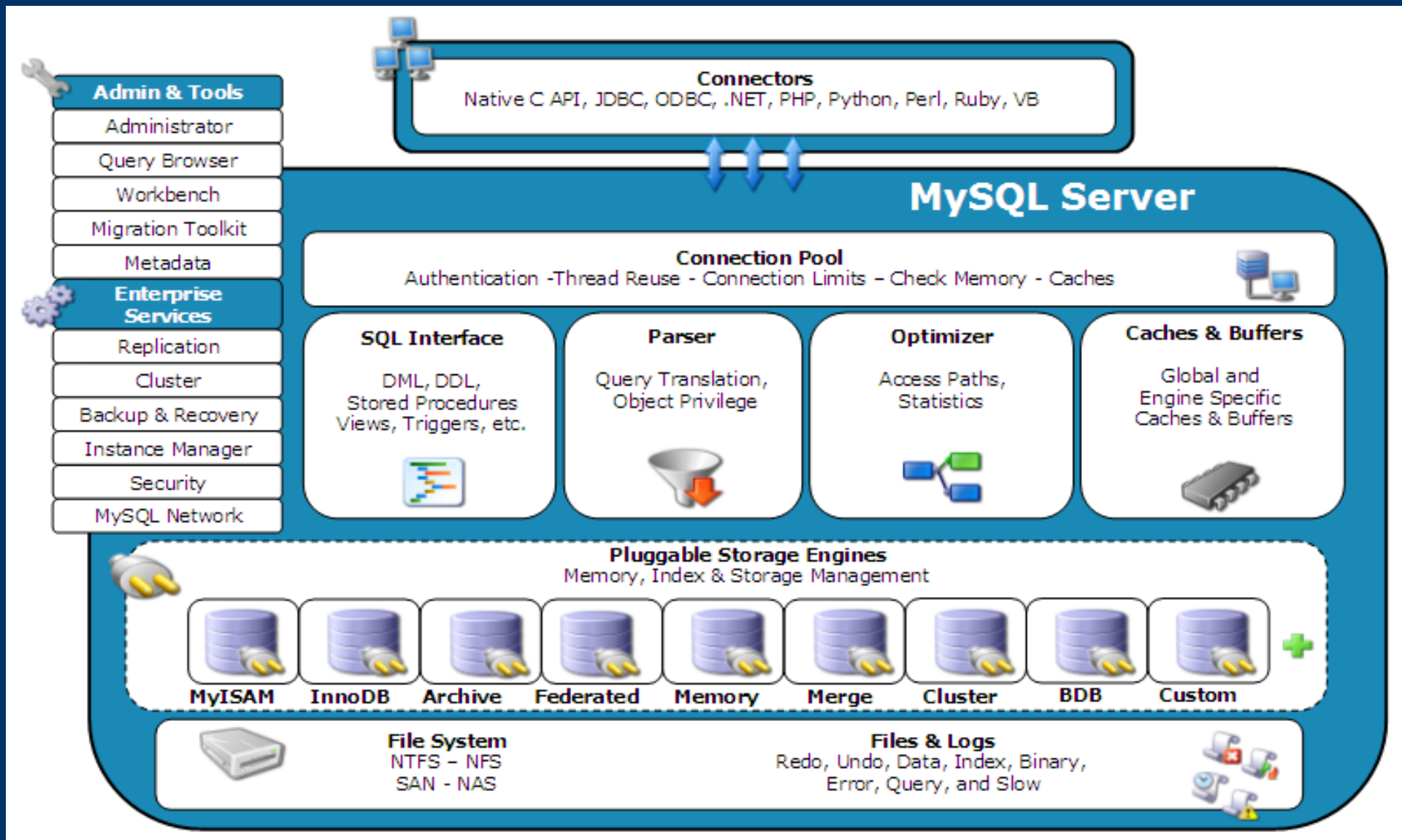
Infobright integrates MySQL

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Short presentation of MySQL



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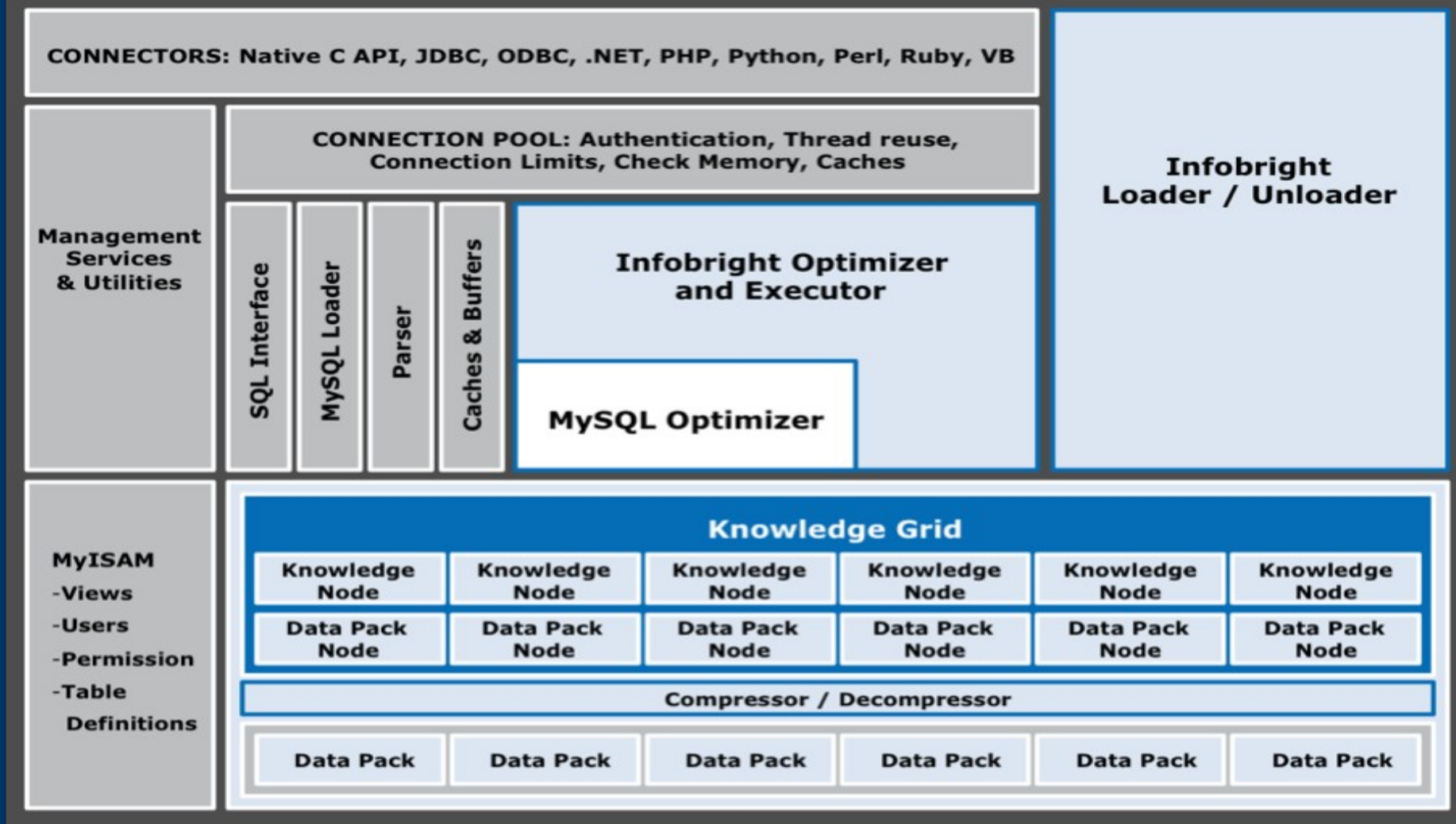
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Short presentation of Infobright



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Infobright Architecture



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Financial reasons to choose MySQL/Infobright for
your datawarehouse

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MySQL and

Infobright community edition are open source and run on linux system.

Because of the widely distribution of MySQL, tools such as Cognos, Business Objects, Jaspersoft, Pentaho, Talend and others can be used seamlessly.

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Both MySQL and Infobright have a commercial product similar to the open source one but with full technical support.

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Q & A



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Thank You for your attention.
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