



z/Key/Value

High Performance Key/Value Services



z/Key/Value is a z/OS product providing high performance key/value pair services to applications and is ideal for applications that require extremely fast access to information.

Features

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| <ul style="list-style-type: none">• Works in any z/OS application• Works with all z/OS releases• Unlimited applications• Unlimited key/value pairs• Works in single task and multitasking applications (e.g. IMS)• Extreme performance• 32 byte key names• 128 byte key values | <ul style="list-style-type: none">• Key names may have LOCAL or GLOBAL scope• Key values may be STATIC or DYNAMIC• Discover key names using QUERY• 50+ built-in key/value pairs• Key/Value pairs reside in storage above 2G bar• Assembler and COBOL samples provided |
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Benefits/Uses of Using z/Key/Value



- Gain a competitive advantage with instant access to your information
- Track online customers
- Track customer preferences/profiles/contracts
- Track product categories/details/etc.
- Data caching
- Program to program communication (single task or multitask)
- Communicate with 3rd party applications
- Anchor control block addresses
- Any application that requires instant access to information using a key
- Create *millions* of key/value pairs
- *Extreme* performance and scalability
- Simple to implement
- **Turbocharge** your applications

Interfacing with Applications

- 1 Global namespace per address space
- 1 Local namespace per task
- Global namespace is available to **ALL** tasks
- Key names must be unique within a namespace
- Namespaces reside above 2G bar

