SQLite Ve Express Performans

# **SQLExpress**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name | COUNT | ADD | UPDATE | DELETE | GETLIST |
| Schools ( 5 Column ) | 100,000 | 14 Saniye | 711 MiliSaniye | 944 Milisaniye | 686 MiliSaniye |
| Schools Class ( 6 Column ) | 100,000 | 15 Saniye | 685 MiliSaniye | 912 MiliSaniye | 524 MiliSaniye |
| Schools Student ( 8 Column ) | 100,000 | 17 Saniye | 718 MiliSaniye | 748 **M**iliSaniye | 569 MiliSaniye |
| Schools ( 5 Column ) | 1,000,000 | 2 Dk 20 Saniye – 11 Dk | 8 Saniye | 9 Saniye | 7 Saniye |
| Schools Class ( 6 Column ) | 1,000,000 | 2 Dk 23 Saniye – 11 Dk | 6 Saniye | 7 Saniye | 5 Saniye |
| Schools Student ( 8 Column ) | 1,000,000 | 2Dk 28 Saniye – 112Dk | 8 Saniye | 7 Saniye | 5 Saniye |
| Tüm Tabloların Birleşmiş Hali ( Schools – School Class - Schools Student ) – Item Count => 1,000,000 | | | | | 19 Saniye |

# **SQLite**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name | COUNT | ADD | UPDATE | DELETE | GETLIST |
| Schools ( 5 Column ) | 100,000 | ----------- | ----------- | ----------- | ----------- |
| Schools Class ( 6 Column ) | 100,000 | ----------- | ----------- | ----------- | ----------- |
| Schools Student ( 8 Column ) | 100,000 | ----------- | ----------- | ----------- | ----------- |
| Schools ( 5 Column ) | 1,000,000 | 6 Dk | 88 MiliSaniye | 58 MiliSaniye | 289 MiliSaniye |
| Schools Class ( 6 Column ) | 1,000,000 | 6 Dk | 97 MiliSaniye | 40 MiliSaniye | 243 MiliSaniye |
| Schools Student ( 8 Column ) | 1,000,000 | 7 Dk | 66 MiliSaniye | 50 MiliSaniye | 413 MiliSaniye |
| Tüm Tabloların Birleşmiş Hali ( Schools – School Class - Schools Student ) – Item Count => 1,000,000 | | | | | 555 Mili Saniye |

# **SQLite V2 Insert Speed**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name | COUNT | ADD | UPDATE | DELETE | GETLIST |
| Schools ( 5 Column ) | 1,000,000 | 6 Saniye – 16 Saniye | ------- | ------- | ------- |
| Schools Class ( 6 Column ) | 1,000,000 | 6 Saniye – 15 Saniye | ------- | ------- | ------- |
| Schools Student ( 8 Column ) | 1,000,000 | 7 Saniye – 18 Saniye | ------- | ------- | ------- |
| Tüm Tabloların Birleşmiş Hali ( Schools – School Class - Schools Student ) – Item Count => 1,000,000 | | | | | ------- |

# SQLite ve SQLExpress Arasındaki performans

|  |  |  |
| --- | --- | --- |
| **Properties** | **SQLExpress** | **SQLite** |
| İlişkisel Veri tabanı | EVET | EVET |
| Sunucuya ve Yapılandırmaya İhtiyaç Var mı ? | EVET | HAYIR |
| Kullanılmadığında Memory yermi | EVET | HAYIR |
| API’ler ve Diğer Erişim Yöntemleri | ADO.NET,JDBC,ODBC,OLE DB | ADO.NET,JDBC,ODBC |
| Destekleyen Diller | Sınırlı | Sınırsıza Yakın |
| Stored Procedure , Function , View | VAR | VAR |
| Database içi boşken kaç GB yer kaplar | 1,13 GB (1.216.348.160 bayt) | 38.1 MB (39.976.960 bayt) |
| Database içi dolu iken kaç GB yer kaplar 3 Milyon Kayıt ( 3 tablo ) |  | 92,2 MB (96.776.192 bayt) |

|  |  |
| --- | --- |
| **SQL Express Boş** | **SQLite Boş** |
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| --- | --- |
| **SQL Express Toplam Kayıt 3 Milyon ( 3 Tablo )** | **SQLite Toplam Kayıt 3 Milyon ( 3 Tablo )** |
|  |  |