

Data store handlers

Data store handlers are used to access data records in server application. Each handler supports a couple of protocols. **sync•gw** server uses these handler to convert internal data to supported format by client device.

- [Contact](#)

This data store handler is used by **sync•gw** to synchronize contact data. Please be aware of the following limitations:

- Client devices stores information depending on OS used in various ways. During synchronization **sync•gw** maps all received data into standardized internal fields. If you then start synchronization with a second client device using a different protocol or OS, it may happen you will not see all data on second client device. For various devices we all implemented special hacks to put fields in right places. If you encounter such a situation, please [contact us](#) and we will try to provide a special hack for your client device. You can test this by in our [test installation](#).
- Depending on client device limitations, pictures are not always available (for more information on this topic please check out our [FAQ](#)).

For SyncML synchronization, please use **contacts** as destination data base.

For CardDav (WebDAV) synchronization, you should prefer to use "auto discovery". If you need to specify manual URL, please use syntax [https://\[host\]/sync.php/contacts/\[user\]/\[addrbook\]](https://[host]/sync.php/contacts/[user]/[addrbook]). **[host]** is the name of your server (e.g.. "syncgw.com"); **[user]** is your user account name (e.g. "test") and **[addrbook]** is the name of your contact address book which you want to synchronize (standard address book is "Contact").

- [Supported protocols](#)

WBXML 1.0, 1.1, 1.2, 1.3

sync4j sif-c 1.0, 1.1

SyncML 1.0, 1.1, 1.2

CardDav

Microsoft ActiveSync 2.5, 12.0, 12.1, 14.0, 14.1, 16.0, 16.01

- [Calendar and task](#)

This data store handler is used by **sync•gw** to synchronize calendar events and tasks (to-do).

For SyncML synchronization, please use **calendar** as destination data base.

If you use a client device which requires definition of an additional data store to get tasks

synchronized, please use **task** as destination data base. If this synchronization is not available, the tasks will automatically be included in calendar synchronization.

For CalDav (WebDAV) synchronization, you should prefer to use "auto discovery". If you need to specify manual URL, please use the syntax [https://\[host\]/sync.php/calendars/\[user\]/\[cal\]](https://[host]/sync.php/calendars/[user]/[cal]). **[host]** is the name of your server (e.g.. "syncgw.com"); **[user]** is your user account name (e.g. "test") and **[cal]** is the name of your calendar which you want to synchronize (standard calendar is "Calendar").

- [Supported protocols](#)

- WBXML 1.0, 1.1, 1.2, 1.3

- SyncML 1.0, 1.1, 1.2

- sync4j sif-e 1.0, 1.1

- sync4j sif-t 1.0, 1.1

- CalDav

- Microsoft ActiveSync 2.5, 12.0, 12.1, 14.0, 14.1, 16.0, 16.01

- [Bookmark](#)

This data store handler is used by **sync•gw** to synchronize book marks and bookmark folders.

On client device use **bookmark** as destination data base.

- [Supported protocols](#)

- WBXML 1.0, 1.1, 1.2, 1.3

- SyncML 1.2

- vBkm 1.0

- [Notes](#)

This data store handler is used by **sync•gw** to synchronize notes and memos.

For SyncML synchronization, please use **note** as destination data base.

- [Supported protocols](#)

- WBXML 1.0, 1.1, 1.2, 1.3

- SyncML 1.0, 1.1, 1.2

- sync4j sif-n 1.0, 1.1

- Microsoft ActiveSync 2.5, 12.0, 12.1, 14.0, 14.1, 16.0, 16.01

You may check out the data store handlers in action [here](#).

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