

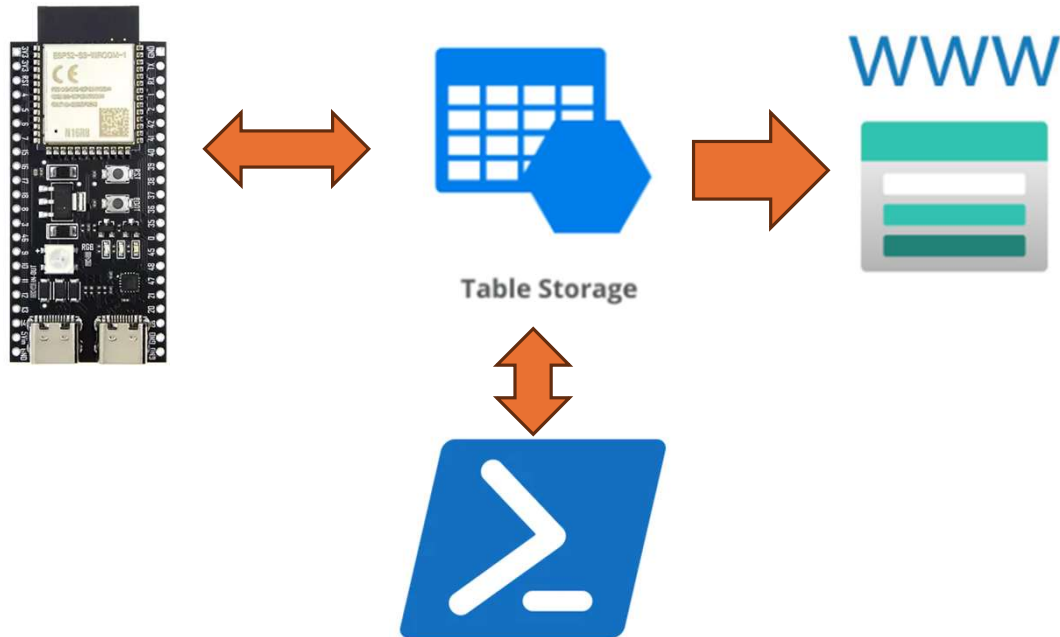
Azure Table And ESP

What are we going to design

- Azure table storage
- Azure (not so) Static website
- ESP32 Azure table interaction

Design block diagram

- ESP



The good

- You can make a dynamic web site on Azure Static web Site
- Table storage is cheap
- You can use fast, Non secure HTTP from the ESP32
- You can set the Access-Control-Allow-Origin, to allow cross-origin-resource-sharing

The bad

- Table Storage has very limited query support, And this is a big thing.
even sort by is not supported, making is not usable of a lot of applications.
- A after 1000 entries result on the query needs more steps to get the result.
- SAS keys Security is not the best solution.

Links

- <https://learn.microsoft.com/en-us/rest/api/storageservices/table-service-rest-api>
- <https://learn.microsoft.com/en-us/rest/api/storageservices/query-operators-supported-for-the-table-service>
- <https://learn.microsoft.com/en-us/rest/api/storageservices/cross-origin-resource-sharing--cors--support-for-the-azure-storage-services>
- <https://azure.microsoft.com/en-us/products/storage/storage-explorer>