* Manifest.Hub

|  |  |
| --- | --- |
| Signature | HUBUM1 |
| App Manifest Generation | Unit |
| Data Manfiest Generation | Uint |

* Manifest.App

|  |  |
| --- | --- |
| Signature | HUBMA1 |
| Generation | Uint |
| App Genration | Uint |
| App Version | String |
| Setup File URL | String |

* Manifest.Data

|  |  |  |
| --- | --- | --- |
| Signature |  | HUBMD1 |
| Manifest Generation |  | Uint |
| #Increments |  | N-INC |
| [N-INC] | PreDataGeneration | Uint |
| File URL | String |

* Update Increment File

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Signature |  |  | |  | | HUBINC1 | |
| PreDataGeneration |  |  | |  | | Uint | |
| CreationTime |  |  | |  | | DateTime | |
| ID |  |  | |  | | Uint | |
| #Tables |  |  | |  | | N-TABLE | |
| [N-TABLE] | TableID |  | |  | | Uint | |
| Table Pre-Generation | |  | | Uint | |
| Table Post-Generation | |  | | Uint | |
| #Actions | |  | | N-ACTION | |
| [N-ACTIONS] | | Action Code | | Byte | |
| RowID ? | | Uint | |
| Datum ? | | IDatum | |

* Update Actions :
  + Reset Table
  + Delete Row : (RowID)
  + Add Row : (Row Data)
  + Replace Row (RowID, Row Data)
* UpdateActions optimisation (pour un RowID donné)
  + AddRow + ReplaceRow\* + DeleteRow → supprimer les actions pour RowID
  + ReplaceRow\* + DeleteRow → DeleteRow
  + AddRow + ReplaceRow\* → AddRow
  + ReplaceRow\* → ReplaceRow