Item-Player interface definition v1.0

21.2.2019

1. FromItemPlayer.ReadyNotification

Item Player → Host

Announcing Load Complete and the version of the interface this Itemplayer understands; the version follows the semver-system so it's only another major version what is not understood

```
{
    type: 'OpenCBA.FromItemPlayer.ReadyNotification';
    version: string;
}
```

2. ToItemPlayer.DataTransfer

Host → Item Player

Answering 'OpenCBA.FromItemPlayer.ReadyNotification', sending start data

```
{
    type: 'OpenCBA.ToItemPlayer.DataTransfer';
    sessionId: string;
    unitDefinition: string;
    environment?: {[string]: string};
    restorePoint?: string;
    unitNumber?: string;
    unitTitle?: string;
    resources?: {[string]: string};
}
```

3. FromItemPlayer.StartedNotification

Item Player → Host

Announcing start of response time

```
{
    type: 'OpenCBA.FromItemPlayer.StartedNotification';
    sessionId: string;
    validPages?: string[];
    currentPage?: string;
    presentationComplete?: 'yes' | 'no';
    responsesGiven?: 'yes' | 'no' | 'all';
}
```

4. FromItemPlayer.ChangedDataTransfer

Item Player → Host

Announcing data change to be stored or otherwise to take into account; changes can be triggered by UI or by host's request; the responseType ensures, that the right response converter will be chosen

```
{
    type: 'OpenCBA.FromItemPlayer.ChangedDataTransfer';
    sessionId: string;
    validPages?: string[];
    currentPage?: string;
    restorePoint?: string;
    response?: string;
    responseType?: string;
    responseComplete?: boolean;
    logEntries?: string[];
    presentationComplete?: 'yes' | 'no';
    responsesGiven?: 'yes' | 'no' | 'all';
}
```

5. ToItemPlayer.PageNavigationRequest

Host → Item Player

Request that the item player has to navigate to this page; newPage is one of the strings given to the host via validPages; completion is announced by the item player via OpenCBA_FromItemPlayer_ChangedDataTransfer

```
{
    type: 'OpenCBA.ToItemPlayer.PageNavigationRequest';
    sessionId: string;
    newPage: string;
}
```

6. FromItemPlayer.PageNavigationRequestedNotification

Item Player → Host

```
{
    type: 'OpenCBA.FromItemPlayer.PageNavigationRequestedNotification';
    sessionId: string;
    newPage: string;
}
```

7. FromItemPlayer.NavigationRequestedNotification

Item Player → Host

navigationTarget is an ID of a certain unit or an id of a navigation target one of these: "#next", "#previous", "#first", "#last"

```
{
    type: 'OpenCBA.FromItemPlayer.NavigationRequestedNotification';
    sessionId: string;
    navigationTarget: string;
}
```