

Item-Player interface definition v1.0

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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;
  canLeave?: 'yes' | 'no' | 'warning';
  canLeaveMessage?: string;
}
```

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[];
  canLeave?: 'yes' | 'no' | 'warning';
  canLeaveMessage?: string;
}
```

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;  
}
```