

Custom CAS

- General JS API [http://soft.infomir.com.ua/mag250/Doc/JS%20API%20MAG200%20\(R%20Rev%201.20\).pdf](http://soft.infomir.com.ua/mag250/Doc/JS%20API%20MAG200%20(R%20Rev%201.20).pdf) **Page 97**
- Readme http://soft.infomir.com.ua/mag200/CAS/Readme_en.txt

test-cas.c/mk.sh/MAG-CAS-plugin.h

Example custom cas(ECM):

Example test-cas.c:

```
#include "MAG-CAS-plugin.h" #include "stdio.h" #define DEBUG(x...) {} printf(x) + #define
DEBUG(x...) printf(x) #define DEBUG_CALL() DEBUG("Called function %s\n",FUNCTION)
STB_MAG_Cas_t PluginInterface; @@ -123,7 +123,7 @@ CAS_Flags_e CAS_GetCasFlags(void) {
DEBUG_CALL(); - return CAS_Flags_DecodeAll; + return CAS_Flags_PMT_ECM; }; /** * Get the format of
ECM data expected by the plugin in @@ -155,7 +155,7 @@ DescramblerInterface.SetScramblingKey
= mag_interface->SetScramblingKey; DescramblerInterface.SetScramblingType =
mag_interface->SetScramblingType; } - PluginInterface.Decrypt = CAS_Decrypt; +
PluginInterface.Decrypt = NULL; PluginInterface.Deinit = CAS_Deinit; PluginInterface.GetCasFlags =
CAS_GetCasFlags; PluginInterface.GetEcmFormat = NULL; @@ -165,6 +165,13 @@
PluginInterface.OnPmtChange = NULL; PluginInterface.ResetStream = CAS_ResetStream;
PluginInterface.SetAdditionalParam = CAS_SetAdditionalParam; + +
DescramblerInterface.SetScramblingType(CAS_SCRAMBLING_TYPE_CSA); + char
evenKey[8]={0x11,0x11,0x11,0x33,0x11,0x11,0x11,0x33}; + char
oddKey[8]={0x11,0x11,0x11,0x33,0x11,0x11,0x11,0x33}; +
DescramblerInterface.SetScramblingKey(evenKey,0); +
DescramblerInterface.SetScramblingKey(oddKey,1); + return &PluginInterface; }; Notes: *When
compiling, set option -fPIC 2)Set GetSysID GetSysID * Get CAS vendor SysID as defined in DVB. Useful
only in * CAS_Flags_PMT_ECM mode */ int (*GetSysID)(void); According this SysID - from stream PID is
determined where ECM packets are. Example was designed to decrypt totally with resources of
plugin. + + + +
```

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<https://docs.infomir.com.ua/> -

Permanent link:

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