Ginga transmission parameters

2.1 DRM Signaling

When a NCL application is broadcasted as standalone data service (consider that most applications should be transmitted as PAD of audio service), the FAC parameters are presented in Table 1.

|  |  |
| --- | --- |
| *FAC Service Parameter* | Valor |
| *Service Descriptor*  *(Application identifier)* | 4 (Provisional) |

Table 1. FAC service parameters when application is transmitted as data service.

NCL applications are carried in a MSC Data Stream in it’s Packet mode. The *Application information parameters* which identifies an application in the SDC and associates the application to a service, must use the parameters presented in Table 2.

|  |  |
| --- | --- |
| *Application information parameters* | Valor |
| *Packet mode indicator* | 1 |
| *data unit indicator* | 1 |
| *application domain* | 0 |
| *user application identifier* | 0x0001 (Provisional) |

Table 2. SDC *Application information* parameters.

2.2 MOT parameters

MOT protocol in it’s Directory Mode is used.

The *DirectoryExtension* parameters presented in Table 3 are allowed.

|  |  |
| --- | --- |
| **Parameter Id** | **Parameter** |
| 0x22 (100010) | DirectoryIndex |
| 0x23 (100011) | EditingCommandEvent |
| 0x24 (100100) | TimeBaseReference |
| 0x25 (100101) | TimeBaseEndpoint |

Tabela 27. Parâmetros do *DirectoryExtension.*

|  |  |  |
| --- | --- | --- |
| **Sintaxe** | **Tamanho** | **Tipo** |
| DirectoryIndex\_parameter\_data\_field() { |  |  |
| profile\_id | 8 bits | Uimsbf[[1]](#footnote-1) |
| for (i=0;i<N;i++) { |  |  |
| index\_name\_byte | 8bits | Uimsbf |
| } |  |  |
| } |  |  |

Tabela 28. Sintaxe do campo de dados do parâmetro *DirectoryIndex*.

|  |  |
| --- | --- |
| **Sintaxes possíveis - index\_name** | **Descrição** |
| nome\_do\_arquivo.ncl | Informa ao Ginga para iniciar a aplicação NCL especificada. |
| main.ncl,InterfaceId | Dois argumentos separados por vírgula. O primeiro informa ao Ginga aplicação NCL e o segundo argumento especifica a porta a ser disparada. |

Tabela 29. Possíveis sintaxes para o *index\_name*.

|  |  |  |
| --- | --- | --- |
| **ContentType** | **ContentSubType** | **Interpretation** |
| 0 | 0 | File tranfer |

Tabela 30. Valor de *ContentType* e *ContentSubType* possível para cada entrada do carrossel.

1. Uimsbf: Unsigned Integer, transmitted Most Significant Bit First [↑](#footnote-ref-1)