

Introducing EventStudio 2.5

EventHelix.com Inc. is pleased to announce the release of EventStudio 2.5. This release adds the following new features:

- Export sequence diagrams and collaboration diagrams to Microsoft Word Picture (EMF) format.
- Customize the fonts and font sizes
- Select page margin in sequence diagrams and collaboration diagrams.
- Assign sequence numbers to sequence diagrams
- Represent multicast and broadcast messages
- Represent timer restart
- Print FDL files
- CASE statement supports up to 20 legs
- Quick access to user's manual and examples

 http://www.eventhelix.com/EventStudio/whats_new.htm

GSM Intra MSC Handover Call Flow

How does a GSM mobile phone maintain a call even when moving from one cell to another?

The calls are maintained by handing over a call from one cell to another. This call flow covers a simple case of call handover in GSM. Here a user has an active call and is moving from the Rockville Cell to the Bethesda Cell. As the user moves, the call will be handed over by the Rockville Cell to the Bethesda Cell.

 http://www.eventhelix.com/RealtimeMantra/Telecom/GSM_Handover_Call_Flow.pdf

GSM Inter MSC Handover Call Flow

How does a GSM mobile phone maintain a call even when moving from a cell controlled by one MSC to a cell controlled by a different MSC?

The calls are maintained by handing over the call from the source MSC to the target MSC. The MAP/E protocol is used to manage the interactions between the source MSC and the target MSC.

In this example, a user has an active call and is moving from the Rockville Cell to the Bethesda Cell. As the user moves, the call will be handed over by the Rockville Cell to the Bethesda Cell. The Bethesda cell and the Rockville cell are controlled by different MSCs, thus an Inter-MSC handover will be performed from the Rockville MSC to the Bethesda MSC.

 http://www.eventhelix.com/RealtimeMantra/Telecom/GSM_Handover_Call_Flow.pdf

GSM Summary Call Flow Diagrams

The following call flow diagrams focus on different aspects of the GSM call flows. The diagrams included are:

- BSC Role in GSM Handover
- Mobile Role in GSM Handover
- Mobility Management (MM) Call Flow Diagrams
- Radio Resource (RR) Call Flow Diagrams



http://www.eventhelix.com/RealtimeMantra/Telecom/GSM_BSC_Role_in_Handover_Call_Flow.pdf



http://www.eventhelix.com/RealtimeMantra/Telecom/GSM_BSC_Role_in_Handover_Collaboration_Diagram.pdf



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