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(54) Title: BROADBAND SERVICE CREATION ENVIRONMENT

(57) Abstract

A broadband graphical service creation environment for creating Intelligent Network services for a Broadband Integrated Services Digital Network/Intelligent Network network uses building blocks, a picture editor and code generator, the building blocks being a collection of broadband specific actions, data access and data manipulation routines plus pictorial blocks that define the graphical layout of the service. The broadband service creation environment further has Generic Service Building Blocks capable of running specific message sequence, which sequence can be interrupted by some asynchronous events, wherein once the event is handled, the original message sequence can be resumed and the service creation environment is able to generate Service Logic Programs that can support a finite state machine.

