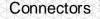
Components (x)

- Simple Directmedia Layer Manages video and event handling in the display component
- Simple Directmedial Layer Image -Loads PNG and other image formats
- Pango with Cairo Provides internationalized fonts
- Display Code Renders the game board, units, animations, and so forth
- Boost Adds a variety of advanced c++ 5 features
- Lua Allows scripting of additional game items
- Game Logic Controls the main gameplay logic using the attached
- components Al Code - Drives the behavior of NPC
- units with in the game
- Python Allows scripting of additional game items and Artificial Intelligence
- Simple Directmedia Layer Network -Supports Network I/O Network - Handles all communication
- from the client to both the Multiplayer and Content servers
- Content Server Manages contributor uploaded content
 - Multiplayer Server Manages the
- interaction of players in multiplayer
- Content Database Stores the content used by the Content Server Multiplayer Database - Stores the log
- containing each move by each player as well as player information
- Map Generation Module Creates 16 random maps for players to use
- Story Line Module Manages the story
- events within the system Lobby Module - Handles the setup of
- multiplayer games
- Path Finding Module Directs the units from one location to another WML Parser - Serializes and
- deserializes WML documents containing game data WML Documents - Stores the
- definitions of Units, Maps, Campaigns and other gameplay objects

The Battle for Wesnoth

Architecture Diagram





- Events This connector allows data from the Game Logic to move to the Display module for user interface support
- Procedur eCalls- This connector is a two-way connector representing calls to and from the Game Logic module to other modules. These procedure calls are standard C++ calls
- Procedure Calls- This connector represents procedure calls from the Game Module to the Network
- TCP/IP communication-This connector represents the restful communication to both Multiplayer and Content servers
- Data Access This connector represents access of the persistent data stored for multiplayer games
- Data Access This connector represents access of the persistent content stored for contributors
- Procedure Calls- This connector is a two-way asynchronous connector

