Game Data Flow
Prolog / Jquery Terminal

Jquery Terminal Framework
Jquery/Ajax/JSON

17

DOM Document Object Model

15   16   **DOM ->Node Data**   1

PHP Framework

PHP / cURL Framework   2

14

HTTP Form Return Data

HTTP Form Submit Call   3

13

Apache Web Server

12   4

HTTP Form Action Reply Data

11

SWI Prolog Web App Framework   5

HTTP Form Submit   6

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9

7

Prolog Code

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SWI Prolog Nani Adventure Game – Amzi! Inc.
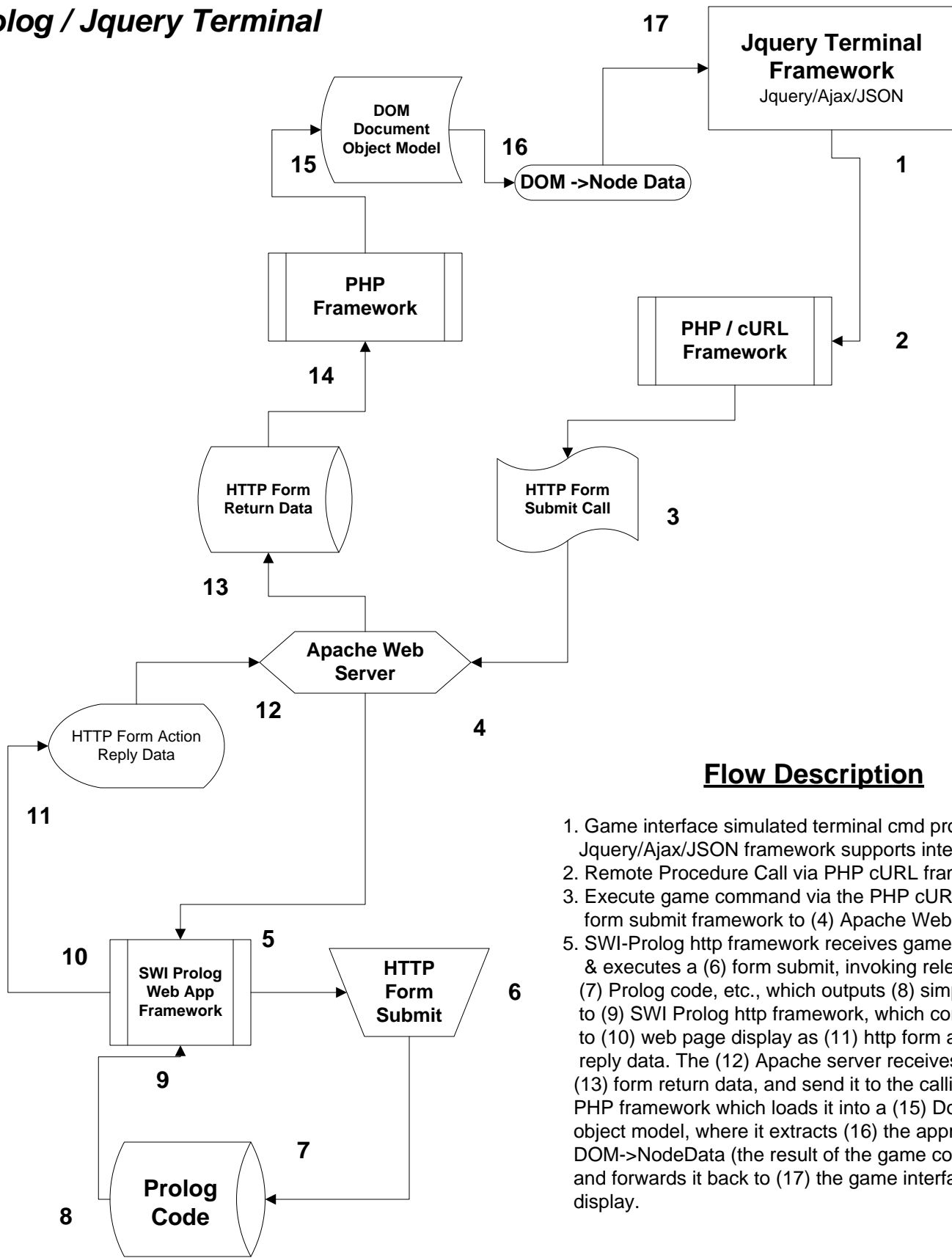
Flow Description

1. Game interface simulated terminal cmd prompt: Jquery/Ajax/JSON framework supports interface.
2. Remote Procedure Call via PHP cURL framework.
3. Execute game command via the PHP cURL html form submit framework to (4) Apache Web Server.
5. SWI-Prolog http framework receives game cmd & executes a (6) form submit, invoking relevant (7) Prolog code, etc., which outputs (8) simple text to (9) SWI Prolog http framework, which converts it to (10) web page display as (11) http form action reply data. The (12) Apache server receives this (13) form return data, and send it to the calling (14) PHP framework which loads it into a (15) Document object model, where it extracts (16) the appropriate DOM->NodeData (the result of the game command) and forwards it back to (17) the game interface for display.