MaxBridge v1.2 – Supplement: CRS Capsule Markdown Examples

Module Title: Markdown Examples for CRS-Compatible Capsules

Version: 1.2

Document Type: Supplementary Material

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Subsystem: MaxBridge (CRS Capsule Layer)

Release Context: Part of MaxOneOpen v4.1 ecosystem – standalone deployable

Status: CTO-aligned – verified input structure

# 1. Purpose

This document provides Markdown-based examples of CRS capsules formatted for traceable input submission and documentation. Markdown files can be converted into capsule YAML or JSON through the MaxBridge PolicyConverter or Template API.

# 2. Markdown Structure

Each example must begin with a triple-backtick block containing YAML format:

```yaml  
# Capsule ID: stack-role-write-007  
manifest:  
 capsule\_class: enforce  
 policy\_scope: access-rights  
 jurisdiction: treaty-global-alpha  
input:  
 user:  
 role: editor  
 request:  
 type: access  
 level: write  
```

Followed by any explanatory content or notes in Markdown format.

# 3. Example Capsule 1: Role-Write Capsule

```yaml  
manifest:  
 capsule\_id: write-policy-001  
 policy\_scope: write-roles  
 capsule\_class: enforce  
 jurisdiction: treaty-eu2025  
input:  
 user:  
 role: editor  
 request:  
 type: write  
 resource: vaultX  
```

This capsule enables `write` access only to editors within the specified treaty scope.

# 4. Example Capsule 2: Region-Restricted Access

```yaml  
manifest:  
 capsule\_id: region-policy-007  
 policy\_scope: region-access  
 capsule\_class: enforce  
 jurisdiction: local-de-clear  
input:  
 user:  
 region: EU  
 request:  
 resource: archive-main  
 type: access  
```

# 5. Exporting Markdown Capsules

Markdown-formatted capsules may be exported into YAML via MaxBridge converters, preserving comments, structure, and traceability. Each exported object includes a hash fingerprint for audit inclusion.