HERE Geocoder for SAP Cloud Platform Integration

Technical Overview
HERE Geocoder for SAP Cloud Platform Integration

A turnkey solution that seamlessly integrates the Geocoder Service of the HERE Location Platform into the SAP Cloud Platform. The product bundle comprises an SLA-backed commercial license for the HERE Geocoder Service, a (SAP-certified) Cloud Integration Services adapter developed by HERE, sample integration flows and a comprehensive set of documentation.

The following geocoding functionalities are available:

- Forward geocoding for converting addresses into geo-coordinates
- Reverse geocoding for getting a usable description of a location from a set of geo-coordinates
- Multi-reverse geocoding for processing up to 100 pairs of geographic coordinates in a single synchronous request
- Free-text search for finding an address using a combination of country, state, county, city, postal code, district, street or house number
- Landmark search for finding an address for areas, landmarks, airports, and locations of national importance

The SAP Cloud Integration adapter removes the complexity of an application code requesting services directly from the HERE Geocoding API. It supports the customer’s SAP integration flows and business processes by allowing for HERE geocoding services to be pulled in and leveraged by the customer’s applications when needed.

Technical capabilities:

- Supports Forward and (Multi) Reverse Geocoding as well as Search and qualified Search. (NOT BATCH
- Facilitates convenient XML message mapping through service-specific XML Schema Definitions (XSD) provided
- Enables jump start through provided examples of “integration flows”
- Allows for easy switch between HERE Evaluation and Production service endpoints
- Is fully compliant with HERE’s API authorization mechanism
- Supports SAP Integration Services’ secure credentials deployment and usage process
- Provides detailed trace for logs

Customer onboarding steps:

1. Subscribe to “HERE HCI Geocoder Service / Adapter” (given customer has an active HCI subscription)
2. Deploy adapter using Integration Services’ Eclipse IDE
3. Deploy access credentials to the HCI tenant using the “secure credentials” feature
4. Use adapter via a “request/reply” component within a new or existing “integration flow”
5. Execute “integration flow”

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