

Oracle® Health AI Application Suite

FHIR APIs Change Log



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Oracle Health AI Application Suite FHIR APIs Change Log,

G56139-01

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Oracle Health AI Application Suite FHIR APIs Change Log

Oracle Health FHIR APIs are available for Oracle Health AI Application Suite and Oracle Health Millennium Platform. The supported API capabilities differ between the products.

See the following topic:

- [Change Log](#)
This topic describes the FHIR API changes between Oracle Health AI Application Suite and Oracle Health Millennium Platform.

Change Log

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Note

The FHIR APIs for Oracle Health AI Application Suite follow the R4 standard. DSTU2 is not supported on Oracle Health AI Application Suite.

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
<code>_count</code> Default Value	All	The default <code>_count</code> value is set to 50 for all resources.	Default values vary across resources.	Medium
<code>_count</code> Maximum Value	All	The maximum <code>_count</code> value is set to 1000 for all resources. When a request exceeds this value, the <code>link[self]</code> reflects the applied maximum.	Maximum values vary across resources and some resources do not display the applied maximum in the <code>link[self]</code> .	Medium
Granular Scopes Access Control and Security	All	Error responses for scope-related access filtering are standardized and provide more detailed information.	Errors responses are vague.	Medium

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
_id Length Enforcement	All	The _id field is limited to 64 characters for all resources. This character limit aligns with the FHIR specification for all resources.	Length restriction is enforced for only some resources.	High
Search Bundle Error Handling	All	Noncompliant resources are excluded from search bundles. Instead of failing the whole response, a generic inline OperationOutcome is returned to inform users about the omitted resources.	The search bundle can fail if a single resource is noncompliant.	Medium
userSelected Field	All	userSelected is set to true only for proprietary codes.	userSelected can be set to true for proprietary codes and other codes.	Medium
Validation for Write and Update Operations	All	Additional rules may be enforced as all operations should be validated against Oracle and US Core profiles. For example, a request to create a patient without an identifier may fail validation if the rules require the identifier to be present at creation time, unless the identifier is supplied through a data absent reason (DAR).	Additional validation is not applied. For example, a patient can be created without an identifier because the identifier could be assigned as part of the create workflow.	To be determined

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
PractitionerRole Contained Within AllergyIntolerance	<ul style="list-style-type: none"> AllergyIntolerance PractitionerRole 	PractitionerRole is represented as a contained resource within AllergyIntolerance and also exposed as a standalone resource. The ID of the contained resource is virtual and not searchable through the standalone API.	PractitionerRole is represented only as a contained resource within AllergyIntolerance.	High
Communication.payload	Communication	Communication.payload supports contentString.	Communication.payload supports contentReference with a reference to the Binary resource from which the content can be fetched.	Low
Communication.recipient	Communication	Communication.recipient has only a single recipient.	Communication.recipient can have multiple recipients.	Medium
Condition.asserter	Condition	Condition.asserter is not supported.	Condition.asserter is supported for health concerns.	High
Health Concern Data from Millennium Platform	Condition	Health concerns stored on the Millennium Platform table are not returned. Instead, every condition also returns health-concern and problem-list or encounter-diagnosis.	Health concerns stored on the Millennium Platform table are returned.	Low
Consent.category for Patient-Privacy	Consent	Consent.category is populated with Release of Information Consent (LOINC 64292-6).	Consent.category is a proprietary code of personal-representatives. Consent data is supported only for personal representative disclosures.	Low

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
Consent.provision	Consent	Consent.provision is not supported. Actor information is included in Consent.performer instead.	Consent.provision is populated with actor information. The actor is the person authorized to view the data and agrees to the policy and rules of the consent.	High
Consent Search by actor and actor:identifier	Consent	Actor search parameters are replaced by consentor and consentor:identifier, which are mapped to Consent.performer.	Actor search parameters are supported. The parameters are mapped to Consent.provision.actor.	High
Encounter-Level Coverages	Coverage	Encounter-level coverages, the encounter extension, and encounter search parameters are not supported.	Encounter-level coverages, extension, and search parameters are supported.	Medium
Public Healthcare Coverages	Coverage	Public healthcare coverages are not currently supported.	Public healthcare coverages are returned.	High
\$docref HTTP Method Change from GET to POST	DocumentReference	\$docref is exposed as a POST request.	\$docref is exposed as a GET request.	High
Encounter.contained	Encounter	The place of service is moved to a custom extension as a reference to an organization.	The place of service is returned as a contained location and linked in the Encounter.location field.	High
Encounter.extension("custom-attribute")	Encounter	User-defined fields are not supported.	You can configure fields on the encounter that are returned through FHIR.	High

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
Encounter Extensions	Encounter	The following extensions are not currently supported: <ul style="list-style-type: none"> military-service-connected-indicator estimated-financial-responsibility-not-collected-reason payment-collection-status client-organization 	These extensions are valued and returned in the FHIR response.	Medium
<ul style="list-style-type: none"> Encounter.hospitalization.dietPreference Encounter.hospitalization.specialCourtesy Encounter.hospitalization.specialArrangement Encounter.contained 	Encounter	These fields are not currently supported.	These fields are valued and returned in the FHIR response.	High
Encounter Search by Account	Encounter	Searching for encounters by account is not supported.	Searching for encounters by account is supported.	Low
FamilyMemberHistory Deceased Boolean	FamilyMemberHistory	FamilyMemberHistory returns only deceasedBoolean.	FamilyMemberHistory returns deceasedBoolean or deceasedAge.	Medium
FamilyMemberHistory precision Extension	FamilyMemberHistory	The precision extension for deceasedAge is not supported.	The precision extension for deceasedAge is supported.	Medium
Historic Immunizations	Immunization	Historic immunizations stored on the Millennium Platform table are not returned.	Historic immunizations stored on the Millennium Platform table are returned.	Low

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
Immunization.id entifier	Immunization	Immunization.id entifier is not supported.	Immunization.id entifier is supported.	Medium
MedicationRequest and Medication Resources Structure	<ul style="list-style-type: none"> Medication MedicationRequest 	<p>Single-ingredient medications are represented as a medicationReference to an external Medication resource.</p> <p>Multi-ingredient medications are represented as a virtual contained Medication resource within MedicationRequest , with references to all ingredients.</p>	<p>Single-ingredient medications are represented as medicationCodeableConcept and multi-ingredient medications are represented as a contained Medication resource.</p>	High
MedicationAdministration infuse-over-time Custom Extension	MedicationAdministration	The infuse-over-time extension is not supported.	You can use infuse-over-time to view the length of time in minutes to infuse a medication.	Medium
MedicationRequest. dispenseRequest. expectedSupplyDuration	MedicationRequest	MedicationRequest. dispenseRequest. expectedSupplyDuration is not supported.	MedicationRequest. dispenseRequest. expectedSupplyDuration is supported.	Medium
Observation.id entifier	Observation	External identifiers for laboratory results and vital signs are not supported.	External identifiers are supported.	High

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
Patient Communication Preferences	Patient	Patient communication preferences are supported only for clinical communications. Only a single communication-preference extension is supported, and communication-type is not returned.	Patient communication preferences are supported for appointment reminders, appointment letters, and clinical communications. Multiple communication-preference extensions are supported, and each extension can contain a communication-type, contact-method, and contact-type.	Medium or High
Telecom Support	<ul style="list-style-type: none"> • Patient • Person • Practitioner 	Only a single phone number and email address per type is supported (for example, one work number and one home number). Fax telecom is not supported.	Multiple phone numbers, email addresses, and fax numbers per type are supported.	High
Person.link	<ul style="list-style-type: none"> • Patient • Person 	The Patient resource returns a 404 status code when the combined-away patient is queried, and the combined-into patient is not linked. For a combine-uncombine event, the previous IDs return a 404. The previous records will be deleted and new records will be materialized with the IDs. In the Oracle Health AI Application Suite database, the previous and new IDs are not connected.	The Person resource returns links for inactive persons who represent the combined person.	High

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
Person.telecom.rank	Person	Rank is not applicable because only one phone number or email address per type is supported.	FHIR exposes telecom.rank as the type sequence, which does not represent the FHIR specification defined for rank.	Medium
Practitioner.name.use	Practitioner	Practitioner.name.use can be any code from the NameUse value set.	Practitioner.name.use is usual or old depending on the period.	Low
Practitioner.name.Identifier Label	Practitioner	The identifier label is sourced from only human-readable descriptions instead of a combination of codes and descriptions.	The identifier label sometimes uses a code instead of a description by default (for example, NPI instead of National Provider Identifier). Other times, the identifier uses two-word or three-word descriptions (for example, PROVIDER NUM).	Low
Practitioner Sources for Address, Telecom, and Name	Practitioner	Address, telecom, and name entries use a source table different from the Millennium Platform versions.	Address, telecom, and name entries use a source table different from the Oracle Health AI Application Suite versions.	To be determined
note and note-allowed Extensions	<ul style="list-style-type: none"> Questionnaire Questionnaire Response 	The note and note-allowed extensions are returned at the top level.	The note and note-allowed extensions are returned at the item level.	Low
Questionnaire.item.text and QuestionnaireResponse.item.text	<ul style="list-style-type: none"> Questionnaire Questionnaire Response 	Questionnaire.item.text and QuestionnaireResponse.item.text may be different.	Questionnaire.item.text and QuestionnaireResponse.item.text are the same.	Low
Social History Structure	<ul style="list-style-type: none"> Questionnaire Questionnaire Response 	Each social history category is a separate questionnaire and questionnaire response where the items are questions.	Social history is a single record where each category is an item, and the questions in each category are items within items.	Medium

Topic	Resource	Oracle Health AI Application Suite	Oracle Health Millennium Platform	Implementation Impact
is-modifiable Extension	QuestionnaireResponse	All social history items are modifiable by default. The is-modifiable extension is not supported.	The is-modifiable extension is supported.	Low
RelatedPerson Encounter-Level Relationships	RelatedPerson	Encounter-level relationships are not supported. Extensions and search parameters for relationship level and encounter are not supported.	A custom extension is supported for relationship level. Extensions and search parameters are supported.	Medium
RelatedPerson iso21090-TEL-address extension	RelatedPerson	Telecom is returned in only the following format: "value": "8165550123"	Telecom is returned in the following formats: <ul style="list-style-type: none"> "extension.valueUrl": "(816) 555-0123" "value": "8165550123" 	Medium
RelatedPerson.relationship	RelatedPerson	FHIR returns the personal relationship as a relationship[x] element instead of through relationship[x].extension.	FHIR returns the personal relationship stored on the Millennium Platform database table as a relationship[x].extension.	Medium
ServiceRequest.basedOn	ServiceRequest	ServiceRequest.basedOn supports only protocol orders. Template orders are not supported.	ServiceRequest.basedOn includes references to template orders.	Low
Slot Resource	Slot	The Slot resource is currently not supported. Instead, use the Appointment/\$find operation to search for available appointments, then use the availability ID with the Appointment/\$book operation to create the appointment.	The Slot resource is supported.	High

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