



call_all_getters

```
TRY.  
* If model and entity name are available we can determine the entity properties from the model ...  
  LOOP AT model->get_entity_properties( entity_name ) REFERENCE INTO DATA(model_property).  
    APPEND model_property->name TO properties.  
  ENDLOOP.  
CATCH cx_root.  
* ... otherwise we use rtts to determine entity properties from entity itself.  
  TRY.  
    struct_descr ?= cl_abap_structdescr->describe_by_data_ref( entity ).  
    LOOP AT struct_descr->components REFERENCE INTO DATA(component).  
      APPEND component->name TO properties.  
    ENDLOOP.  
    CATCH cx_root.  
  ENDTRY.  
ENDTRY.
```





call_all_getters

```
TRY.
```

```
* If model and entity name are available we can determine the entity properties from the model ...
```

```
  LOOP AT model->get_entity_properties( entity_name ) REFERENCE INTO DATA(model_property).
```

```
    APPEND model_property TO entity->* TO FIELD-SYMBOL(<entity>).
```

```
  ENDLOOP.
```

```
  CATCH cx_root.
```

```
* ... otherwise we use it
```

```
  TRY.
```

```
    struct_descr =
```

```
    LOOP AT struct
```

```
      APPEND compo
```

```
    ENDLOOP.
```

```
    CATCH cx_root.
```

```
  ENDTRY.
```

```
ENDTRY.
```

```
  LOOP AT properties REFERENCE INTO DATA(property).
```

```
    CLEAR parameters.
```

```
    TRY.
```

```
      ASSIGN COMPONENT property->* OF STRUCTURE <entity> TO FIELD-SYMBOL(<comp>).
```

```
      IF sy-subrc = 0.
```

```
        parameter-name = property->*.
```

```
        parameter-kind = cl_abap_objectdescr->returning.
```

```
        GET REFERENCE OF <comp> INTO parameter_value.
```

```
        INSERT parameter INTO TABLE parameters.
```

```
        DATA(method_name) = |GET_ | property->* ||.
```

```
        CALL METHOD me->(method_name)
```

```
          PARAMETER-TABLE parameters.
```

```
      ENDIF.
```

```
      CATCH cx_sy_dyn_call_error.
```

```
    ENDTRY.
```

```
  ENDLOOP.
```

