

```

final void initValue(int id, String name, Object value, int
    attributes)
{
    if (!(1 <= id && id <= maxId))
        throw new IllegalArgumentException();
    if (name == null)
        throw new IllegalArgumentException();
    if (value == NOT_FOUND)
        throw new IllegalArgumentException();
    ScriptableObject.checkValidAttributes(attributes);
    if (obj.findPrototypeId(name) != id)
        throw new IllegalArgumentException(name);

    if (id == constructorId) {
        if (!(value instanceof IdFunctionObject)) {
            throw new IllegalArgumentException("constructor should
                be initialized with IdFunctionObject");
        }
        constructor = (IdFunctionObject)value;
        constructorAttrs = (short)attributes;
        return;
    }

    initSlot(id, name, value, attributes);
}

```

```

private void initSlot(int id, String name, Object value,
    int attributes)
{
    Object[] array = valueArray;
    if (array == null)
        throw new IllegalStateException();

    if (value == null) {
        value = UniqueTag.NULL_VALUE;
    }
    int index = (id - 1) * SLOT_SPAN;
    synchronized (this) {
        Object value2 = array[index];
        if (value2 == null) {
            array[index] = value;
            array[index + NAME_SLOT] = name;
            attributeArray[id - 1] = (short)attributes;
        } else {
            if (!name.equals(array[index + NAME_SLOT]))
                throw new IllegalStateException();
        }
    }
}

```