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| _ ~ ~ | | | - _ - . | | | | | |
| ! This | s thread has | been locked | d. Questions are | automatically locke | ed after two months of ina | ctivity, or soone | er if deemed | |
| | cessary by a r | | | | | | | |
| | | | | | | | | |
| | | | hich key attribut ™ (and possibly o | • | unction, so I've created a | summary and I' | m posting it he | re for the |
| <u> </u> | | ttrLabel | | , | | | | |
| 1 .4k | (| 1 | | | | | | |
| | 'labl | | | | | | | |
| | o CFS | String | | | | | | |
| | | | nent of key uniqu | ueness | | | | |
| | | ecKeyPrintN in the legacy | lame y keychain on ma | acOS | | | | |
| | | | • | ion of the key; this in the column in Keycha | s not particularly useful or ain Access | n iOS but super | handy on mac | OS |
| | • kSecA | ttrApplicat | tionLabel | | | | | |
| | 'klbl | 1 | | | | | | |
| |) | | | | | | | |
| | | Data | | | | | | |
| | | t may be a String | | | | | | |
| | | itaining a Ul component | UID) of key uniquene | ess | | | | |
| | | ecKeyLabel | ny leavel. | 2000 | | | | |
| | Not | user visible | | | which allows district | ity formatics (| o form a district | idantit |
| | | value must | • | are public key nash | which allows digital ident | ity ioiiiialion (to | o ioiiii a digital | identity, |
| | kSe | ecAttrPubli | .cKeyHash | | | | | |
| | | khh' | o cortificato) | | | | | |
| | , | ttrApplicat | e certificate) tionTag | | | | | |
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| |) | | | | | | | |
| | o CFD | Data | | | | | | |
| | Is a component of key uniqueness | | | | | | | |
| | kSecKeyApplicationTag (7) in the legacy keychain on macOS | | | | | | | |
| | On macOS, this shows up in the Comments field in the info window in Keychain Access (accessed via File > Get Info) The content of this is entirely up to the app | | | | | | | |
| I | In the contex | | | | | | | |
| | , the public k | | | f the bytes in the | | | | |
| | subjectPublicKey element of the | | | | | | | |
| | SubjectPub | licKeyInfo | | | | | | |
| , | <pre>\$ dumpasn1</pre> | −p key.asr | • | tion 4.1 of RFC 5280 |)). For example, with this l | key: | | |
| | | { IDENTIFIER | _ | 1 2 840 10045 2 1) | | | | |
| | OBJECT } BIT STRIM | | ₹ prime256v1 (1 | 2 840 10045 3 1 7 |) | | | |
| | 0A 08 1 | 1A CE 9D E7 | 7 13 B4 B9 5A E9 | 4 7F F3 81 A4 31 9 04 0C 10 A2 02 3 86 AE 05 25 F3 | | | | |
| | | | | 7 E1 E3 36 2C 3D | | | | |
| 1 | the digest co | overs the by | rtes 04 07 88 9B | 3 36 2C 3D F7. | | | | |
| I | Note | | | | | | | |
| | - | - | | | source code from here. | ical O | 0.00.00.00.00.00.00.00.00.00.00.00.00.0 | |
| , | Share and Enjoy — Quinn "The Eskimo!" Apple Developer Relations, Developer Technical Support, Core OS/Hardware let myEmail = "eskimo" + "1" + "@apple.com" | | | | | | | |
| (| Changes: | | | | | | | |
| | 17 Jan 2017 — First posted. 13 Mar 2019 — Added a note about the public key hash. Made minor editorial changes. | | | | | | | |
| | • 18 Mar 2019 — Added a download link for | | | | | | | |
| | dumpasn1 . Made minor typographical changes. | | | | | | | |
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